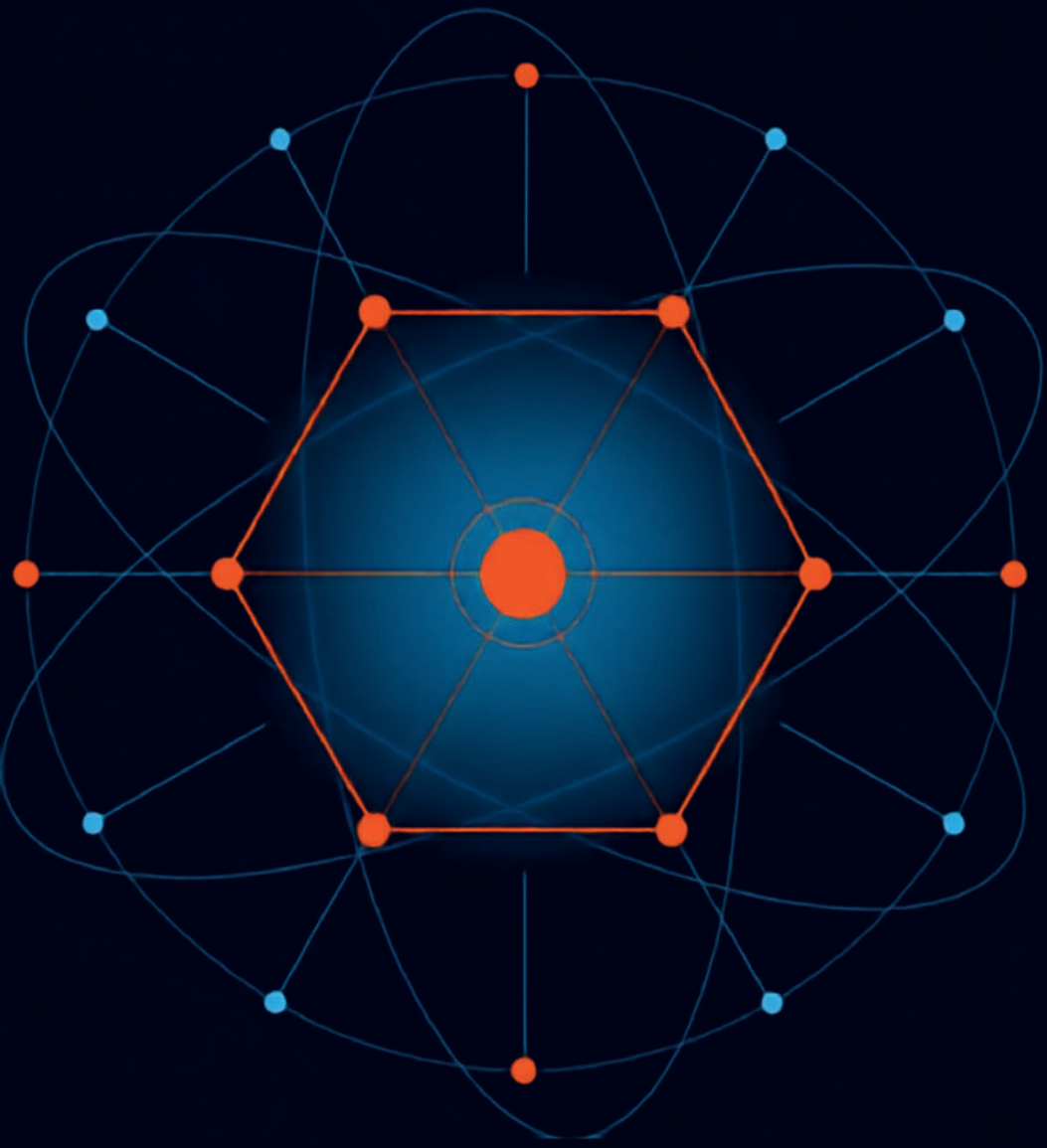
iTNT
TAMILNADU TECHNOLOGY HUB



Startup Catalogue

Deep & Emerging Tech Ventures from Tamil Nadu

Volume II

About the Hub

Tamil Nadu's deep tech hub

iTNT Hub is a joint initiative of MeitY, Government of India and the Government of Tamil Nadu, headquartered at the Anna University campus in Chennai. It exists to move deep technology out of the lab and into working companies — through shared infrastructure, technical mentoring, capital and market access.

Deep and Emerging Technology

Our work spans quantum, semiconductors, AI and compute, robotics and UAVs, space systems, cybersecurity and immersive technology. The Hub runs specialist labs, a venture studio that builds companies out of research, a design scheme for hardware prototyping, and an investment vertical that takes founders to institutional capital.

About this edition

A selection, not the full portfolio — fifty ventures chosen to show the range of deep technology now coming out of Tamil Nadu. Each profile sets out what the team builds, where it has reached, and what it is looking for next.

50
ventures in this edition

263
supported to date

For industry

- Scout technologies ready for pilots
- Find co-development partners
- Shortlist transformation partenrs for innovation procurement

For investors

- Curated Deal flow across frontier sectors
- Introductions made by the Hub

Every profile carries a named contact at iTNT Hub - write to us and we will make the introduction.

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A selection, not the full portfolio — fifty ventures chosen to show the range of deep & emerging technology now coming out of Tamil Nadu.

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Cosgrid
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iTNT
TAMILNADU TECHNOLOGY HUB

AI & VISION INTELLIGENCE



Farmwise AI

Founded in	Location	Employees
2020	**Chennai**	**47**

Team



Anand Vetrivel
Founder & CEO

Anand Vetrivel leads FarmwiseAI with a focus on developing Geospatial AI solutions for agriculture, governance and spatial decision-making.



Purushothaman SK
COO

Leading business operations, strategic execution and organisational growth while supporting the development and deployment of AI-driven solutions for the agriculture sector.

www.farmwiseai.com

careers@farmwiseai.com

Satellite, drone & field-data intelligence for agriculture, lending, crop insurance, land governance and urban planning.

Brief

FarmwiseAI develops Geospatial AI and remote-sensing solutions that combine satellite imagery, drone data, GIS and artificial intelligence to generate actionable intelligence for agriculture, agri-lending, crop insurance, land governance, mining and urban planning.

Use Cases

- Digital crop mapping, crop classification and yield prediction
- AI-based pest and disease detection using field images
- Automated land parcel mapping and georeferencing
- Satellite and drone-based monitoring for agriculture, insurance and urban planning

Tech Domain	Fund Raised
Geospatial AI	~USD 900K
TRL Stage	**Startup Stage**
TRL 9	Growth

Product

FarmwiseAI builds Geospatial AI platforms that combine satellite imagery, drone data, GIS, remote sensing, computer vision and machine learning to convert spatial data into actionable intelligence. Its MapsAI platform provides crop classification, yield prediction and disease intelligence.

ts Automated Georeferencing solution converts Field Measurement Book maps into digital land records; and its Pest Detection platform uses AI-based image recognition to identify crop pests and diseases.

The company also develops agricultural e-commerce infrastructure and customised GIS-based decision-support systems for governments, lenders and agri-businesses.

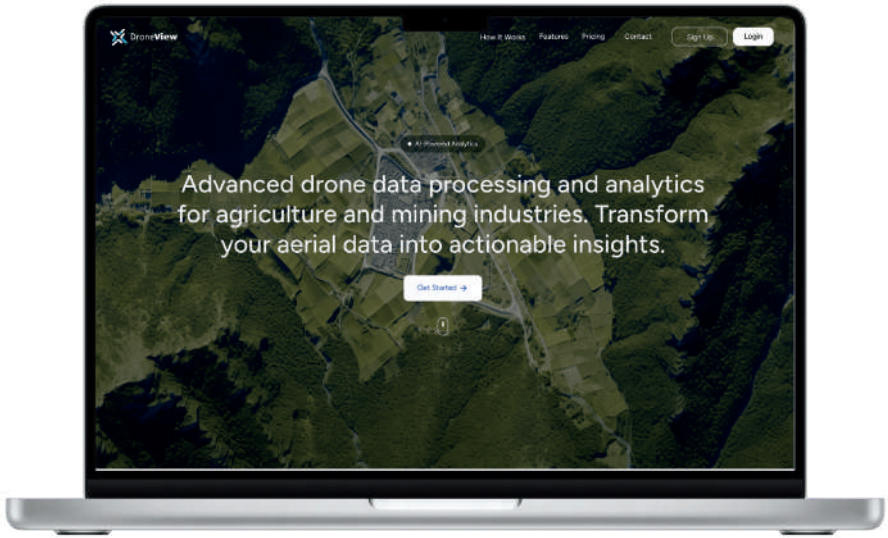
Clients

SIPCOT
Govt. of Tamilnadu

Competitive Advantage

- Combines AI + GIS + satellite + drone data in a unified platform.
- Develops solutions specifically for government and institutional-scale deployments.
- Covers the complete geospatial workflow from data digitisation to decision intelligence.
- Unified platform spanning agriculture, lending, insurance, land governance, mining and urban planning.

Product Image



Voxwave AI

Founded in	Location	Employees
2025	**Chennai**	**2**

Team



Humayun S
Co-Founder

Leading the company's AI-powered application-development platform. He developed full-stack skills while freelancing before co-founding VoxWave and has focused on making software creation accessible through natural-language interaction.



Aadil Ahmed
Co-Founder

contributing to the company's technology and AI development. Before VoxWave, he gained experience through an internship at a robotics company in China and later worked with Himayun on their initial product.

VoxWave AI

Voice-based AI platform for creating websites in local languages.

Brief

VoxWave AI develops AI tools that enable small and medium-sized businesses to create professional websites using natural-language voice commands. Its platform focuses on local-language accessibility, allowing users without technical or web-development expertise to generate and manage digital business presence.

Use Cases

- Voice-based website creation.
- Local-language digital onboarding for businesses.
- AI-assisted website editing and content generation.

Tech Domain	Fund Raised
AI/ML	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 6	Pre-Revenue

Product

VoxWave AI uses natural-language voice interaction to simplify website creation for users without technical expertise.

- **Voice Website Builder:** Converts spoken instructions into website structures and content.
- **Local-Language Interface:** Enables users to interact with the platform using regional languages.
- **AI Content Generation:** Helps create website copy, layouts and digital-business content through AI.

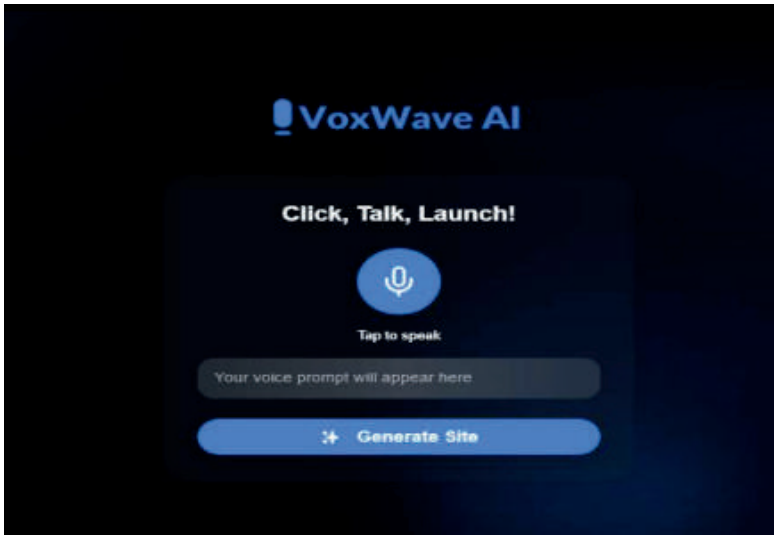
Competitive Advantage

- Voice-First Creation: Reduces dependence on traditional coding and website-building interfaces

.

- Local-Language Accessibility: Opens digital creation to users who may be less comfortable with English.
- AI-Native Workflow: Uses natural-language instructions throughout website creation.
- SMB Focus: Addresses digitalisation barriers faced by small and medium-sized businesses.

Product Image



Syncorb

Founded in	Location	Employees
2022	**Chennai**	**10**

Team



Saddam Hussain
Founder & Chief Architect

A software architect with 7+ years of experience in FinTech, Insurance and Public Sector technology. He has expertise in AI, full-stack development, cloud-native systems, and DevOps, and leads the development and architecture of BizOp Analytica.

www.Syncorb.com

syncorbgeotech@gmail.com

SYNCORB

AI-powered market & urban intelligence platform

Brief

Syncorb's BizOp Analytica is an AI-powered business intelligence platform that combines business, traffic, demographic, social, real estate, and trade data to identify business opportunities and underserved markets. It helps entrepreneurs, businesses, real estate developers, and city governments make data-driven decisions on market entry, expansion, and urban planning.

Use Cases

- Entrepreneurs and business owners - Find untapped markets, test business models, and run competitor analysis before investing.
- Real estate developers - Choose sites using demographic and traffic insights.
- Government and city administrations - Plan infrastructure, manage traffic and shape policy using real-time data.

Tech Domain	Fund Raised
AI / Big Data Analytics	Bootstrap
TRL Stage	**Startup Stage**
TRL 7	Prototype

Product

BizOp Analytica is an AI platform that recommends where to open which kind of business, and why.

- **Opportunity discovery:** Benchmarks successful Tier 1 businesses and compares local products, menus and services to find gaps worth entering in Tier 2 and 3 cities.
- **Demand and revenue intelligence:** Combines search trends, social media sentiment, competitor traction and revenue patterns to identify high-demand sectors and businesses with steady growth potential.
- **Location and urban insight:** Uses real-time traffic and demographic data for site selection and infrastructure planning, and for government policy support through sentiment analysis.
- **Predictive engine:** An XGBoost-based model with standardised data preprocessing, retrained on new data to improve predictions over time.

Clients

BONOLO Shipping
DOOR TO DOOR SHIPPING MADE EASIER

IAISR
Vision to Reality

Competitive Advantage

- The platform focuses on Tier 2 and Tier 3 cities, where business-intelligence tools are limited.
- It serves both businesses and government, creating multiple customer segments and revenue opportunities.
- It combines business, traffic, demographic, social, real estate and trade data on a single platform.
- The AI model continuously learns from new data, improving its recommendations over time.
- The platform plans to expand into healthcare, agriculture, tourism and logistics.

Product Image



Authenta AI (Nodlehs AI)

Founded in	Location	Employees
2025	**Chennai**	**19**

Team



Praveen Bendict
Co-Founder

With experience leading Optisol's AI division and developing deepfake detection technologies. He focuses on AI research, synthetic media detection and building adaptive systems to identify emerging digital fraud techniques.



Vinoth Arjun
Co-Founder

With experience deploying large-scale machine-learning solutions for enterprises, including Pepsi and Verizon. He contributes expertise in building and deploying AI systems for real-world business applications.

www.authenta.ai

praveenbendict@authenta.ai

AI-powered deepfake detection & digital media authentication for fraud prevention.

Brief

Authenta develops AI-powered deepfake detection technology to identify manipulated images, synthetic identities and altered videos. Its platform combines anomaly detection and spectral forensics to help organisations prevent identity fraud, verify digital media and improve content authenticity. It offers API-based integration and cloud, on-premises and hybrid deployment options for enterprise applications.

Use Cases

- **Identity Verification**: Detecting deepfakes and synthetic identities during digital KYC and customer onboarding.
- **Content Authentication:** Identifying AI-generated images, manipulated videos and fraudulent media.
- **Online Proctoring:** Detecting manipulated faces and synthetic identities during remote examinations.

Tech Domain	Fund Raised
AI/ML//DL	INR 7 L (Genesis Grant)
TRL Stage	**Startup Stage**
TRL 7	Pilot

Product

Authenta provides an AI-based media verification platform that detects deepfakes, synthetic identities and manipulated visual content. It combines computer vision, anomaly detection and spectral forensics to support fraud prevention and digital authentication.

- **Face-Swap Detection:** Identifies manipulated faces during identity verification and video-based onboarding.
- **Synthetic Image Detection:** Analyses images to identify AI-generated faces and visual content.
- **Enterprise Integration:** Provides APIs and SDKs, with cloud, on-premises and hybrid deployment options.

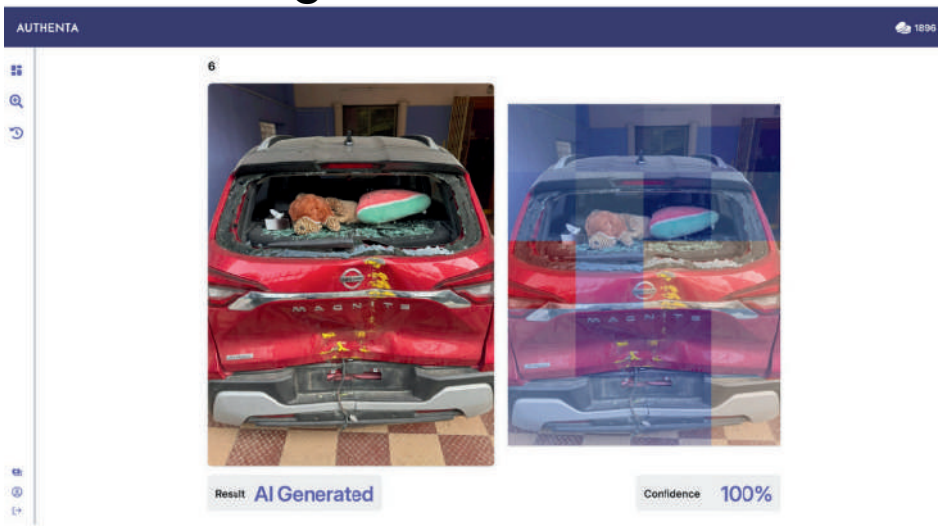
Clients

IDnow. PayMedia YOUVERIFY Royal Sundaram General Insurance

Competitive Advantage

- **Specialised detection:** Focuses on deepfakes and synthetic media rather than general-purpose AI detection.
- **Forensic explainability:** Provides heatmaps and other indicators to explain suspicious media classifications.
- **Enterprise integration:** Supports APIs and SDKs for integration with existing verification systems.
- **Flexible deployment:** Offers cloud, on-premises and hybrid options for different security requirements.

Product Image



Metafocuz AI

Founded in	Location	Employees
2023	**Chennai**	**6**

Team



Nagaraj Ruthirakotty
Founder & CEO

A technology entrepreneur with over 23 years of experience in software development and product innovation. He has delivered projects across multiple countries and industries, including developing a movie ticketing platform acquired by BookMyShow.

www.metafocuz.ai

nagaraj@metafocuz.ai

metafocuz.ai

AI-powered movement tracking & gamified rehabilitation for physiotherapy and fitness.

Brief

Metafocuz develops AI-powered healthcare and wellness solutions using computer vision, movement tracking and gamification. Its flagship product, REPLAY, analyses body movements through a device camera without requiring wearable sensors. The platform supports physiotherapy, rehabilitation, posture assessment and fitness monitoring by providing real-time movement feedback, exercise tracking and progress reports for patients and healthcare professionals.

Use Cases

- Remote monitoring of prescribed exercises and patient movement.
- Assessment of body posture and joint alignment using camera-based tracking.
- Movement analysis, exercise tracking and personalised fitness monitoring.

Tech Domain	Fund Raised
AI/ML	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 7	Pilot

Product

REPLAY is an AI-powered rehabilitation platform that uses computer vision and camera-based body tracking to monitor exercises without wearable sensors. It connects patients and physiotherapists through guided activities, movement analysis and progress reports.

- **REPLAY Rehabilitation:** Enables remote physiotherapy exercises with camera-based tracking and feedback.
- **AI Posture Analysis:** Measures posture and joint deviations using computer vision.
- **AI Examination:** Evaluates movement across the neck, shoulder, back, hip and knee through guided motion assessments.

Clients

Sunway Medical Centre — CARE YOU CAN TRUST

JANANI ORTHOPAEDICS & SPORTS INJURY CENTER

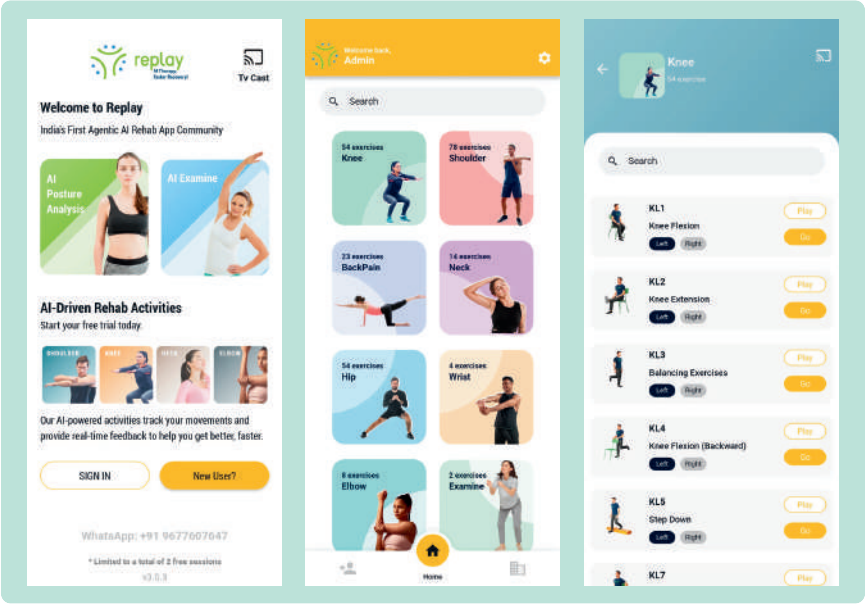
VRG Healthcare

AESTHETIC POSTURES — PHYSIO SPORTS AND REHAB CLINC

Competitive Advantage

- Sensor-free tracking: Analyses body movement through a camera without requiring additional wearable sensors.
- Detailed movement analysis: Tracks 111 body points to measure posture and exercise movements.
- Remote rehabilitation: Connects patients and physiotherapists for guided exercises and progress monitoring.
- Gamified experience: Uses interactive activities to encourage exercise adherence and patient engagement.

Product Image



Tensorhub

Founded in	Location	Employees
2023	**Chennai**	**5**

Team



Ganapathy Shankar
Founder & CEO

focusing on enterprise AI, agentic systems and intelligent workflow automation. He leads the development of AI platforms designed to bring autonomous agents into business operations.

www.thub.tech

hello@thub.tech

No-code AI agents & multi-agent automation for enterprise workflows

Brief

TensorHub Technologies develops enterprise AI platforms that enable businesses to build and deploy intelligent agents using low-code tools, large language models and multi-agent orchestration. Its THriveX platform combines visual agent development, retrieval-augmented generation (RAG), enterprise knowledge integration and workflow automation.

Use Cases

- **Low-Code AI Development:** Build AI agents and workflows with minimal coding.
- **Multi-Agent Orchestration:** Coordinate multiple AI agents to complete complex tasks.
- **Multi-Model Support:** Use different AI models within one platform.
- **Enterprise Integration:** Connect AI workflows with business tools and systems

Tech Domain	Fund Raised
Circular Economy	Not publicly Disclosed
TRL Stage	**Startup Stage**
TRL 7	Revenue

Product

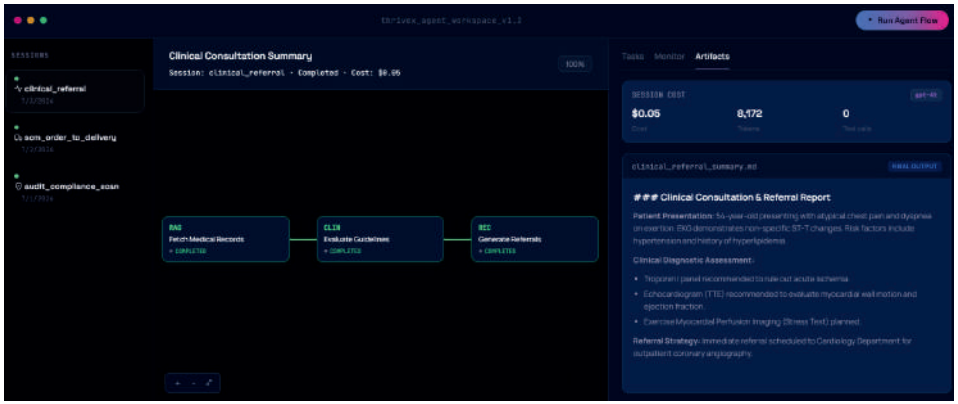
Reneonix is a smart glass recycling platform that converts post-consumer glass waste into quality-controlled recycled materials for industrial and construction applications.

- **Smart Glass Recycling:** Uses the G-REX V-750 system to crush, process, and track waste glass through IoT-enabled recycling infrastructure.
- **Recycled Material Production:** Produces standardized glass cullets, glass sand, and fine glass powder for applications in abrasives, filtration, water treatment, and construction
- **Advanced Material Recovery:** Develops high-purity silica and EcoPozz from recycled glass, supporting sustainable material substitution and circular economy applications.

Competitive Advantage

- Enables users to design AI agents and workflows visually, reducing dependence on extensive custom development.
- Coordinates specialised agents to divide complex tasks, execute them in parallel and combine their outputs.
- Platform supports multiple major LLMs, reducing dependence on a single model provider.
- Advertises 400+ models, tools and integrations to connect AI workflows with existing business systems.

Product Image



THriveX AGENT — THriveX AI WORKSPACE — THriveX MESH

Unmodel AI (Livebox)

Founded in	Location	Employees
2021	**Chennai**	**10**

Team



Raaja Murugan
Founder & CEO

With a background spanning sales, marketing and technology. An IIM Calcutta alumnus, he leads the company's strategy to apply AI to fashion content creation and e-commerce.

unmodel.ai

raaja@unmodel.ai

UNMODEL

AI-powered fashion imagery and merchandising solutions for e-commerce brands and retailers.

Brief

UNMODEL.AI develops AI-powered solutions that automate fashion e-commerce imagery and merchandising. Its platform generates realistic on-model product images from mannequin, flat-lay and other product inputs, reducing the cost and time of traditional photoshoots. The company is expanding into AI-powered product tagging, fashion merchandising and image retouching for brands, retailers and marketplaces.

Use Cases

- **AI Fashion Imagery:** Converts product and mannequin images into realistic on-model visuals.
- **E-commerce Catalogues:** Creates multiple poses, sizes, ethnicities and styling variations for product listings.
- **AI Merchandising:** Automates product tagging, attribute generation and merchandising decisions using product and sales data.

Tech Domain	Fund Raised
AI/ML	USD 12.08K (Grant)
TRL Stage	**Startup Stage**
TRL 8	Revenue

Product

UNMODEL.AI is an AI-powered fashion content platform that automates product photoshoots and merchandising for e-commerce brands, retailers and marketplaces.

- **AI Photoshoots:** Generates realistic on-model images from mannequin, ghost-mannequin, 3D and flat-lay inputs with varied poses, sizes and styles.
- **Model Generation:** Creates AI-generated models with different appearances, poses and styling options.
- **AI Merchandising & Retouching:** Generates product attributes and supports AI-based merchandising and prompt-driven fashion image editing.

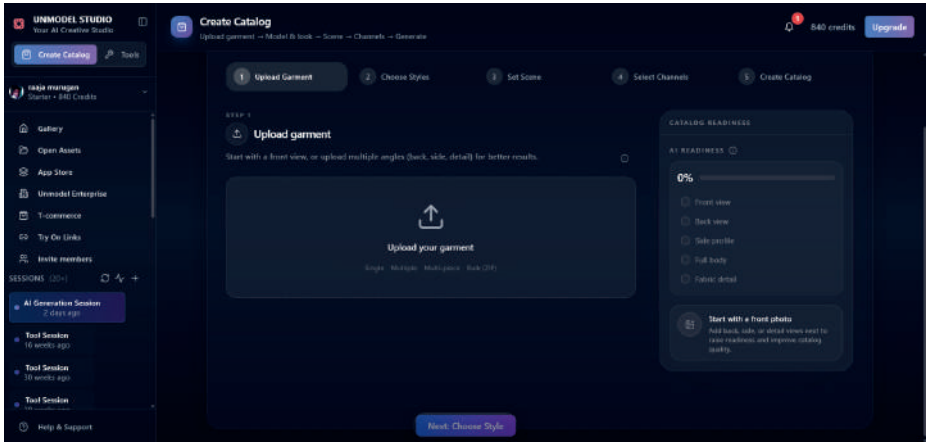
Clients

STUDIO 11 · era. · BABY TEEN

Competitive Advantage

- Replaces several traditional processes involving models, photographers, studios, styling and post-production with AI-generated imagery.
- Supports mannequin, ghost mannequin, 3D and flat-lay images, allowing brands to work with existing catalogue assets.
- Enables brands to create multiple poses, styles, sizes and visual representations without conducting separate physical shoots.
- Its newer AI merchandising and tagging capabilities extend the platform into product attribute generation, catalogue intelligence and merchandising decisions.

Product Image



iTNT

HEALTHCARE



Diagno Intelligent Systems

Founded in	Location	Employees
2020	**Chennai**	**10+**

Team



Dr. V.S Felix Enigo
Founder & CEO

Leading the development of AI-powered healthcare screening technologies focused on affordable and accessible osteoporosis detection.



Dr.P.Samundeeswari
CTO

Contributing medical and technical expertise toward the development and validation of AI-based osteoporosis screening solutions.

www.diagnointelligent.com diagnointelligent@gmail.com

DIAGNO INTELLIGENT SYSTEMS
Affordable & Automated Diagnostics

AI-powered osteoporosis screening using conventional chest X-rays.

Brief

Diagno Intelligent Systems develops affordable AI-based healthcare screening solutions, with its flagship iOsteoporos Screen designed to identify patients at high risk of osteoporosis from conventional chest X-rays. The platform uses automated clavicle radiogrammetry, an empirical formula and AI/deep learning to estimate hip bone mineral density and generate screening reports.

Use Cases

- Osteoporosis screening using existing chest X-ray images
- Mass screening in rural and semi-urban healthcare settings
- Preventive healthcare and identification of patients requiring confirmatory DXA testing

Tech Domain	Fund Raised
AI/ML/Medical Imaging	USD 69.4K
TRL Stage	**Startup Stage**
TRL 7	Pilot

Product

iOsteoporos Screen is an AI-powered osteoporosis screening tool that analyses conventional chest X-rays to estimate bone health and identify individuals at high risk of osteoporosis.

- **AI X-ray Analysis:** Automatically analyses chest X-ray images and performs bilateral clavicle radiogrammetry.
- **BMD & T-Score Estimation:** Calculates clavicle bone-mass indices and estimates bilateral hip BMD using Diagno's empirical formula.
- **Risk Screening & Reporting:** Generates T-scores, assesses osteoporosis risk against WHO criteria and produces an automated report for clinicians.

Clients

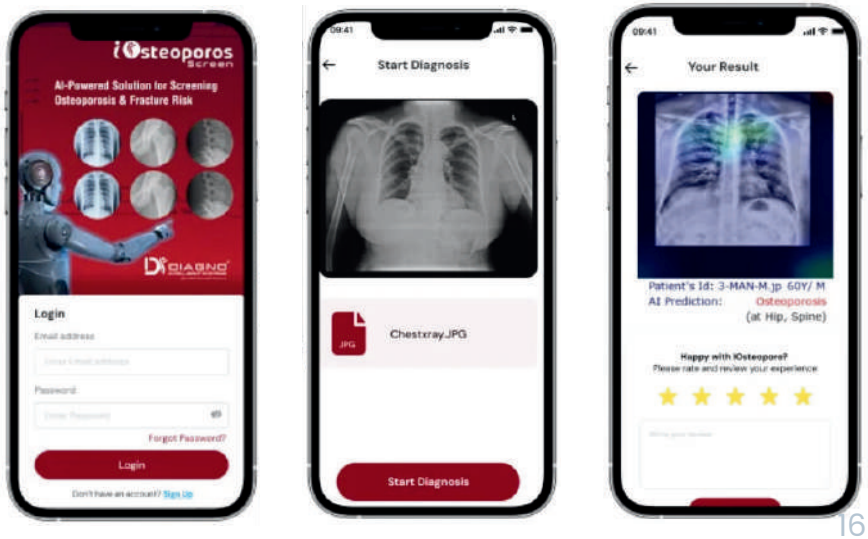
Chettinad Super Speciality Hospital
Empowering Every Breath

JSS ACADEMY OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY) MYSURU

Competitive Advantage

- Screening can be performed using conventional chest X-rays that are already commonly available in hospitals.
- The automated workflow reduces dependence on specialised imaging technicians for the initial screening process.
- Designed for preventive and mass osteoporosis screening, including rural and semi-urban healthcare settings.
- Combines AI/deep learning, automated clavicle radiogrammetry and a proprietary empirical formula for estimating hip BMD.

Product Image



Livvolta Healthcare

Founded in	Location	Employees
2022	**Chennai**	**2**

Team



Mohammed Hussain
Co-Founder & CEO

Leading the company's MedTech development and commercialisation efforts focused on intelligent, affordable healthcare diagnostic technologies.



V.S Venkatesh
Chief Mentor

Bringing over four decades of healthcare leadership experience across hospital systems, healthcare businesses and entrepreneurship. He has held senior roles with organisations including Apollo Hospitals, SRL Ranbaxy and Cadila Healthcare, and played a key role in scaling Apollo White Dental from 7 to 129 clinics.

www.livvolta.com

support@livvolta.com

MedTech solutions for non-invasive skin cancer detection and early healthcare diagnosis.

Brief

LivVolta Healthcare Innovations is a MedTech startup developing intelligent medical devices for early disease detection and diagnosis. Its flagship DermaEye is a non-invasive skin cancer screening system combining multispectral optical imaging, machine learning and a robotic scanning mechanism to support faster, painless and affordable skin cancer detection.

Use Cases

- **Skin Cancer Screening:** Non-invasive screening and early detection of suspicious skin lesions.
- **Clinical Diagnosis:** Supports healthcare professionals with rapid imaging and diagnostic insights.
- **Periodic Screening:** Enables painless and radiation-free screening without tissue removal.

Tech Domain	Fund Raised
MedTech	INR 16.5 L (Govt Funding)
TRL Stage	**Startup Stage**
TRL 5	Prototype

Product

DermaEye is a non-invasive skin cancer screening device designed to support early detection using multispectral optical imaging, machine learning and automated scanning.

- **Multispectral Imaging:** Captures high-resolution surface and subsurface skin information without radiation.
- **AI-Based Detection:** Uses machine learning to analyse morphological features and identify potential skin cancer indicators.
- **Robotic Scanning:** Uses a motorised robotic arm and handheld scanning setup for stable and precise examination.

Competitive Advantage

- Provides a painless alternative to conventional tissue biopsy for initial skin cancer screening.
- Combines optical imaging with machine learning to analyse skin morphology and identify potential abnormalities.
- The screening process can reduce diagnostic time from weeks to approximately 30 minutes.
- Targeting a lower screening cost of approximately ₹1,500 compared with the ₹5,000 figure cited for conventional diagnostic procedures.

Product Image



Neurosense Labs

Founded in	Location	Employees
2024	**Chennai**	**6**

Team



Dr. Alagiri G
Founder & CEO

leading the company's strategic vision, healthcare innovation, research collaborations and institutional partnerships in AI-driven digital health.



Dr. Renuka Devi
Co-Founder

Driving AI architecture, data science, product development and engineering execution for the company's digital-health platform.

neurosenselabs.com

alagiri@neurosenselabs.com

AI-powered early screening for neurodevelopmental disorders in children

Brief

NeuroSense Labs develops an AI-driven, post-quantum-secured platform for early screening of neurodevelopmental disorders in children. Its multimodal AI analyses facial, voice and motor signals through a smartphone-based assessment, providing explainable screening results for ASD, ADHD, learning disorders and intellectual disabilities in under five minutes.

Use Cases

- Early screening for autism, ADHD and learning disorders.
- Smartphone-based developmental assessment for children.
- Community screening through hospitals, schools and Anganwadi programmes.

Tech Domain	Fund Raised
Computer Vision	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 7	Pilot

Product

NeuroSense is a smartphone-based multimodal AI screening platform designed to enable accessible early identification of neurodevelopmental disorders in children.

- Multimodal AI Screening: Combines facial landmarks, voice prosody and handwriting/motor behaviour through its BAMFN architecture.
- AI Risk Assessment: Generates explainable developmental-risk reports and referral recommendations in under five minutes.
- Digital Health Platform: Provides longitudinal child records, screening history and integration capabilities for hospitals, schools and public-health programmes.

Collaborations

NIEPMD

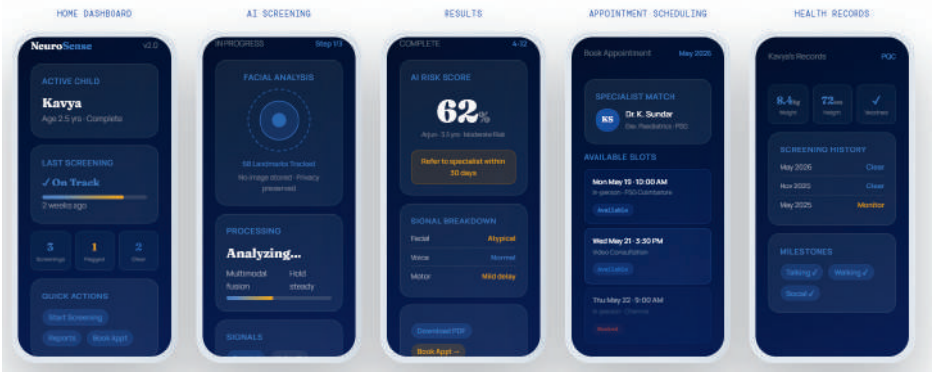
SRI RAMACHANDRA INSTITUTE OF HIGHER EDUCATION AND RESEARCH

PSG

Competitive Advantage

- Multimodal AI: Combines facial, voice and motor signals instead of relying on a single behavioural indicator.
- Smartphone-Based Screening: Enables screening using standard smartphones without specialised clinical hardware.
- Post-Quantum Security: Uses quantum-resistant cryptographic technologies including CRYSTALS-Kyber and CRYSTALS-Dilithium for securing health data.
- Scalable Community Deployment: Designed for hospitals, schools, Anganwadis and frontline workers, enabling screening beyond specialist clinical settings.

Product Image



Prezitec Health

Founded in	Location	Employees
2024	**Ranipet**	**2**

Team



Sridhar Palani
Founder

A mechanical design engineer with a master's degree in Mechanical Design from IIT Delhi. His professional experience includes Havells Research and Innovation Centre and Royal Enfield. Through the School of International Biodesign fellowship at AIIMS New Delhi, he developed an interest in addressing clinical challenges through need-driven medical technology innovation.

www.prezitec.com

sridharpalani1993@gmail.com

prezitec

Improving precision in ultrasound-guided medical procedures through intelligent needle navigation technology.

Brief

Prezitec Health is a medical technology startup developing intelligent needle navigation systems for ultrasound-guided medical procedures. Its flagship product, Precigo, integrates with existing ultrasound machines to assist clinicians with precise needle placement. The technolo1gy aims to improve procedural accuracy and make skill-intensive interventions more accessible.

Use Cases

- **Regional Anaesthesia:** Guides needle placement during nerve block procedures.
- **Vascular Access:** Assists with ultrasound-guided needle placement for accessing blood vessels.
- **Pain Management:** Supports precise needle positioning during image-guided pain treatments.
- **Medical Interventions:** Improves needle guidance during ultrasound-guided procedures.

Tech Domain	Fund Raised
Medical Devices	INR 1.5 Cr
TRL Stage	**Startup Stage**
TRL 5	Prototype

Product

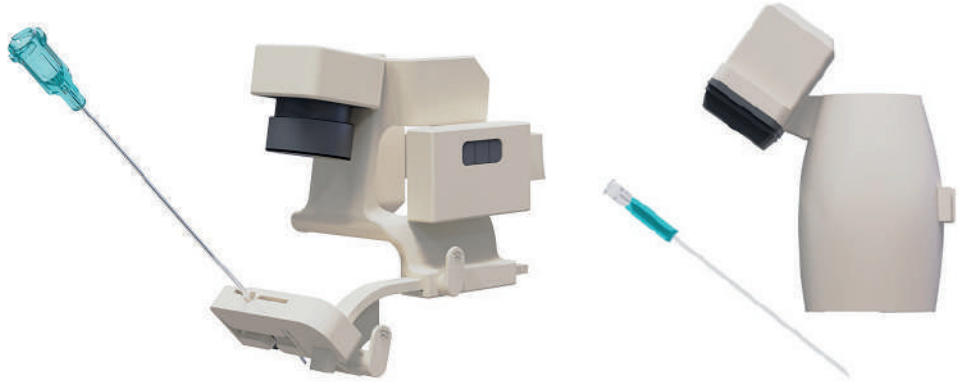
Precigo is a snap-on needle navigation system designed to integrate with existing ultrasound machines, improving precision during image-guided medical procedures. It helps clinicians track needle position and supports accurate placement during interventions.

- **Ultrasound Integration:** Compatible with existing ultrasound machines.
- **Real-Time Needle Tracking:** Assists clinicians in monitoring needle position.
- **Precision Guidance:** Supports accurate needle placement during procedures.
- **Cost Efficiency:** Aims to reduce the need for specialised navigation equipment.

Competitive Advantage

- Plug-and-Play Integration: Works with existing ultrasound machines, reducing equipment replacement needs.
- Precision Needle Guidance: Aims to improve needle placement accuracy during image-guided procedures.
- Cost-Effective Approach: Designed to make needle navigation more accessible to healthcare providers.
- Versatile Applications: Supports procedures such as regional anaesthesia, nerve blocks and ultrasound-guided vascular access.

Product Image



Healtether

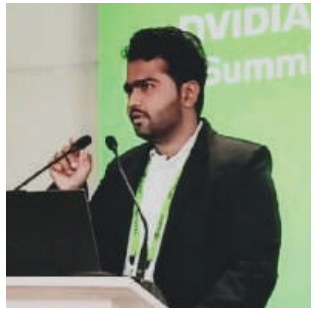
Founded in	Location	Employees
2023	**Chennai**	**4**

Team



Dr. Ravi Bharathi
Founder & CEO

Dr. Ravi Bharathi is a practising physician and healthcare technology entrepreneur who combines clinical experience with digital-health expertise to develop AI-enabled solutions for improving healthcare delivery and patient outcomes.



Venkatesh Raja
Founder & COO

Leads operations and product development at HealTether, focusing on AI-driven, ABDM-compliant healthcare systems and digital transformation across hospitals and clinics.

healtether.com

hello@healtether.com

HealTether
Your Healing Partner

AI-powered clinical decision support & ABDM-integrated healthcare management platform.

Brief

HealTether is a digital health platform combining AI-powered Clinical Decision Support with hospital and clinic management. The platform supports digital prescriptions, electronic health records, appointments, billing, telemedicine, patient communication and analytics, while integrating with ABDM to enable secure health-data exchange and connected healthcare workflows.

Use Cases

- AI-assisted diagnosis, treatment recommendations and prescription support
- Hospital and clinic workflow management
- ABDM-enabled digital health records and patient data exchange

Tech Domain	Fund Raised
SaaS	INR 34L
TRL Stage	**Startup Stage**
TRL 8	Revenue

Product

HealTether is an AI-powered clinical and healthcare management platform built on FHIR and SNOMED standards and integrated with ABDM. It combines clinical decision support with administrative and patient-management workflows.

- **Clinical Decision Support:** AI-assisted diagnosis, treatment recommendations, risk prediction and medication-safety checks
- **HMIS:** EHR, e-prescriptions, appointments, billing, pharmacy, inventory and analytics.
- **ABDM Integration:** ABHA creation, PHR linking, consent management and secure health-record exchange.

Clients

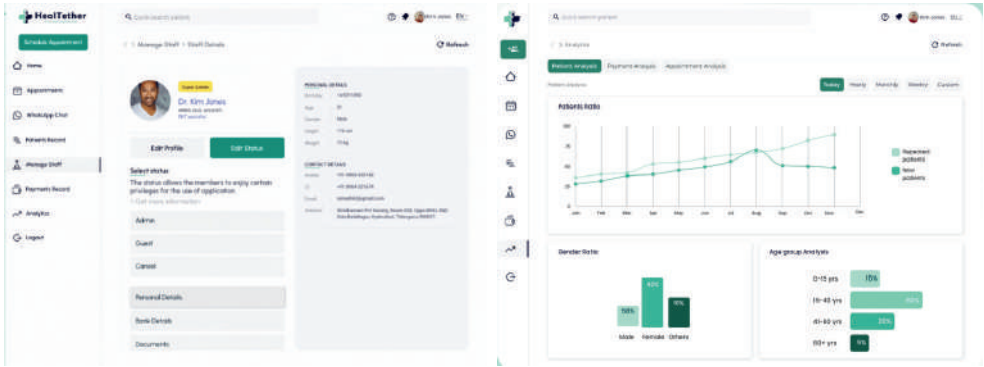
100+
Medical Doctors

500+
Clinics

Competitive Advantage

- Combines AI clinical decision support and HMIS within one platform.
- Built around FHIR and SNOMED standards for healthcare interoperability.
- Deep integration with ABDM, including ABHA, PHR and consent workflows.
- Supports both clinical and administrative workflows, from prescriptions and EHRs to billing, appointments and telemedicine.

Product Image



Genomatics

Founded in	Location	Employees
2017	Coimbatore	15+

Team



Dr. Gopalakrishnan
Founder

Provides scientific direction across genomics, variant knowledge, clinical bioinformatics and genomic intelligence. His earlier work with European Bioinformatics Institute-linked alternative splicing and transcript diversity resources brings deep experience in biomedical databases, curation workflows and computational genomics to Genomatics® product development.



Sindhu K
Co-Founder

Leads Genomatics® technology vision, AI product strategy, software architecture and the productization of curated genomic knowledge into usable intelligence systems. and lifecycle management.

www.genomatics.in

sindhu_k@genomatics.inl ID

AI-powered genomic intelligence and bioinformatics solutions for clinical and biomedical research.

Brief

Genomatics develops bioinformatics and AI-powered genomic intelligence solutions that help researchers, diagnostic laboratories and healthcare teams analyse genomic evidence. Its products combine curated genomic databases, biomedical literature intelligence, variant interpretation and human-in-the-loop AI to connect genes, variants, diseases, phenotypes and drugs, supporting faster evidence discovery and clinical genomics workflows.

Use Cases

- Variant interpretation and genomic evidence analysis
- Biomedical literature extraction and research
- Clinical genomics and diagnostic workflows

Tech Domain	Fund Raised
Genomics	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 8	Growth

Product

Genomatics develops genomic intelligence products combining curated biomedical evidence, bioinformatics and human-in-the-loop AI to support research and clinical genomics workflows.

- **GenoMind:** Integrates clinical data, laboratory workflows, genomic evidence, interpretation and reporting.
- **ChatDiAG & GERE:** Uses AI to answer genomic queries and extract genes, variants, diseases and relationships from literature.
- **VarDiG-DB:** Curated genomic knowledgebase connecting variants with genes, diseases, phenotypes, drugs and scientific evidence.

Competitive Advantage

- Human-Curated Genomic Knowledge: Combines expert-curated genomic information with AI-assisted workflows to improve the organisation, interpretation and accessibility of complex biological data.
- Integrated Genomic Knowledge Networks: Connects genes, genetic variants, diseases, phenotypes, drugs and scientific publications to help researchers explore relationships and identify relevant biological evidence.
- Human-in-the-Loop AI: Integrates human expertise into AI-assisted processes to validate evidence, improve information reliability and support responsible use of artificial intelligence in genomic research.
- Bioinformatics and Scalable Software: Combines bioinformatics expertise with scalable genomic software solutions to support complex data analysis, knowledge management and research workflows across genomics and life sciences.

Acrofluidic Innovations

Founded in	Location	Employees
2024	**Chennai**	**2**

Team



Joshna Chilakapati
Founder & CEO

Joshna Chilakapati is the Founder and CEO of Acrofluidic Innovations, working on microfluidic and liquid-biopsy technologies for early cancer detection and advanced biomedical diagnostics.



Ashwin Kumar N
Co-Founder & CTO

A researcher and entrepreneur specialising in microfluidics, biomedical engineering and nanotechnology, with a focus on developing innovative diagnostic and healthcare technologies.

www.acrofluidics.com

info@acrofluidics.com

Lab-on-chip backbone for affordable, early cancer diagnostics

Brief

Acrofluidic Innovations designs and manufactures personalised microfluidic lab-on-chip devices for research, clinical diagnostics and environmental testing. Its PMMA chips, combined with immuno-magnetic bead technology, capture and detect target cells and biomarkers from small sample volumes. The founders' longer-term focus is liquid-biopsy technologies for early cancer screening. Indian labs today rely largely on imported microfluidic devices, and Acrofluidic aims to replace them with affordable chips made in India.

Use Cases

- Custom lab-on-chip devices for academic and industrial research labs
- Liquid-biopsy platforms for early cancer screening from blood samples
- Point-of-care diagnostics that need small sample volumes and fast results

Tech Domain	Fund Raised
MedTech	INR 10L
TRL Stage	**Startup Stage**
TRL 5	Prototype

Product

AcroFluidic Innovations develops microfluidic diagnostic platforms for liquid biopsy, cancer screening, and biomedical research. Its technology combines microfluidic processing and cell-separation techniques to efficiently analyse small-volume biological samples.

- **Microfluidic Chip:** Processes small-volume biological samples for diagnostic and research applications.
- **CTC Detection:** Enables isolation and analysis of circulating tumour cells from blood samples.
- **Liquid Biopsy:** Supports minimally invasive cancer screening, disease monitoring, and treatment-response assessment.
- **Biomedical Research:** Facilitates cell separation and sample processing for research and biomarker analysis.

Competitive Advantage

- India has very few domestic microfluidic manufacturers. Most devices come from international suppliers such as Dolomite, Elveflow and microfluidic ChipShop. Local production cuts both cost and lead time
- Design, fabrication and detection chemistry sit under one roof, so customers get a working assay, not just a chip
- PMMA chips are cheaper to scale than glass and more durable than PDMS, and their optical clarity suits imaging

Product Image



Boja MedTech

Founded in	Location	Employees
2023	**Chennai**	**2**

Team



Karthika Bojan
Founder & CEO

15+ years of medical-device and entrepreneurial experience, including experience raising over $2M for UK ventures focused on healthcare.

www.bojamedtech.com

kartheka@bojamedtech.com

BOJA

AI-powered neurofeedback for personalised stroke rehabilitation

Brief

BOJA Medtech is developing technology-enabled rehabilitation solutions that combine EEG-based neurofeedback, AI-driven cognitive assessment and personalised therapy for stroke and neurological recovery. Its flagship COSMA Neurofeedback System uses EEG signals to monitor brain activity and adapt therapy to the patient's cognitive state, while the COSMA App provides cognitive assessment and longitudinal monitoring.

Use Cases

- Stroke Rehabilitation – EEG-guided neurofeedback for motor and cognitive recovery following stroke.
- Cognitive Rehabilitation – Monitoring and improving memory, attention, spatial planning and executive functions.
- Home-based Neurorehabilitation – Extending personalised therapy beyond hospitals and specialist rehabilitation centres.

Tech Domain	Fund Raised
Med Tech	NA
TRL Stage	**Startup Stage**
TRL 7	Pilot

Product

COSMA Neurofeedback Platform – An EEG-enabled neurorehabilitation system combining hardware, AI and software for stroke recovery.

- COSMA Neurofeedback Headset – 19-electrode EEG system with real-time brain-state monitoring and adaptive neurofeedback.
- COSMA App – Cognitive assessment tool for tracking cognitive performance over 2–4 week periods.
- AI Personalisation Engine – Adapts therapy and cognitive exercises based on individual brain activity and performance.
- Clinical Dashboard – Provides patients, clinicians and researchers with monitoring, analytics and therapy insights

Pilots

Competitive Advantage

- EEG-integrated rehabilitation rather than standalone cognitive-training software.
- 19-channel neurofeedback headset designed for real-time brain-state monitoring.
- AI-based personalisation that adapts therapy to individual cognitive profiles.
- Clinical evidence, including four peer-reviewed studies and evaluation across 60 MCI/early Alzheimer's patients.

Product Image



Subtlebotic

Founded in	Location	Employees
2024	**Pudukottai**	**13**

Team



Sivasanthosh
Founder & CEO

With 6+ years of R&D experience in robotics, neurotechnology and medical devices, focused on developing wearable assistive systems for motor-function loss.

www.subtlebotic.in

subtlebotic@gmail.com

Wearable neuro-robotics for restoring movement and supporting motor-function rehabilitation.

Brief

Subtlebotic is a deep-tech robotics and neurotechnology startup developing wearable assistive systems for people with motor-function loss. Its flagship Limb Assist™ platform combines wearable robotics, smart textiles, embedded electronics, sensing and neural-intent technologies to support movement and rehabilitation. The company is progressing through product engineering, user testing, clinical collaboration and regulatory preparation.

Use Cases

- **Motor assistance:** Supporting people with weakened or lost hand and limb movement.
- **Rehabilitation:** Assisting post-stroke, post-surgical and other rehabilitation activities.
- **Neurotechnology research:** Developing EMG- and non-invasive BCI-controlled wearable robotic

Tech Domain	Fund Raised
Assistive Devices	INR 14LL
TRL Stage	**Startup Stage**
TRL 5	Prototype

Product

Limb Assist™ is a wearable neuro-robotic platform designed to support people with motor-function loss through lightweight, user-driven movement assistance. The platform combines robotics, sensing and neural-intent technologies.

- **Mechanical Gloves:** Provide passive finger flexion or extension assistance for weakness and rehabilitation.
- **EMG Motorized Glove:** Uses muscle signals to trigger powered finger movement.
- **BCI Motorized Glove:** Uses non-invasive brain signals to translate movement intent into robotic assistance.

Competitive Advantage

- Human-intent driven: Combines EMG and BCI approaches with wearable robotics.
- Lightweight design: Focuses on wearable, flexible and user-friendly assistive systems.
- Modular product range: Supports different levels of motor impairment through mechanical, EMG and BCI systems.
- In-house technology: Develops its BCI sensing, electronics, mechanical systems, textiles and control architecture internally.

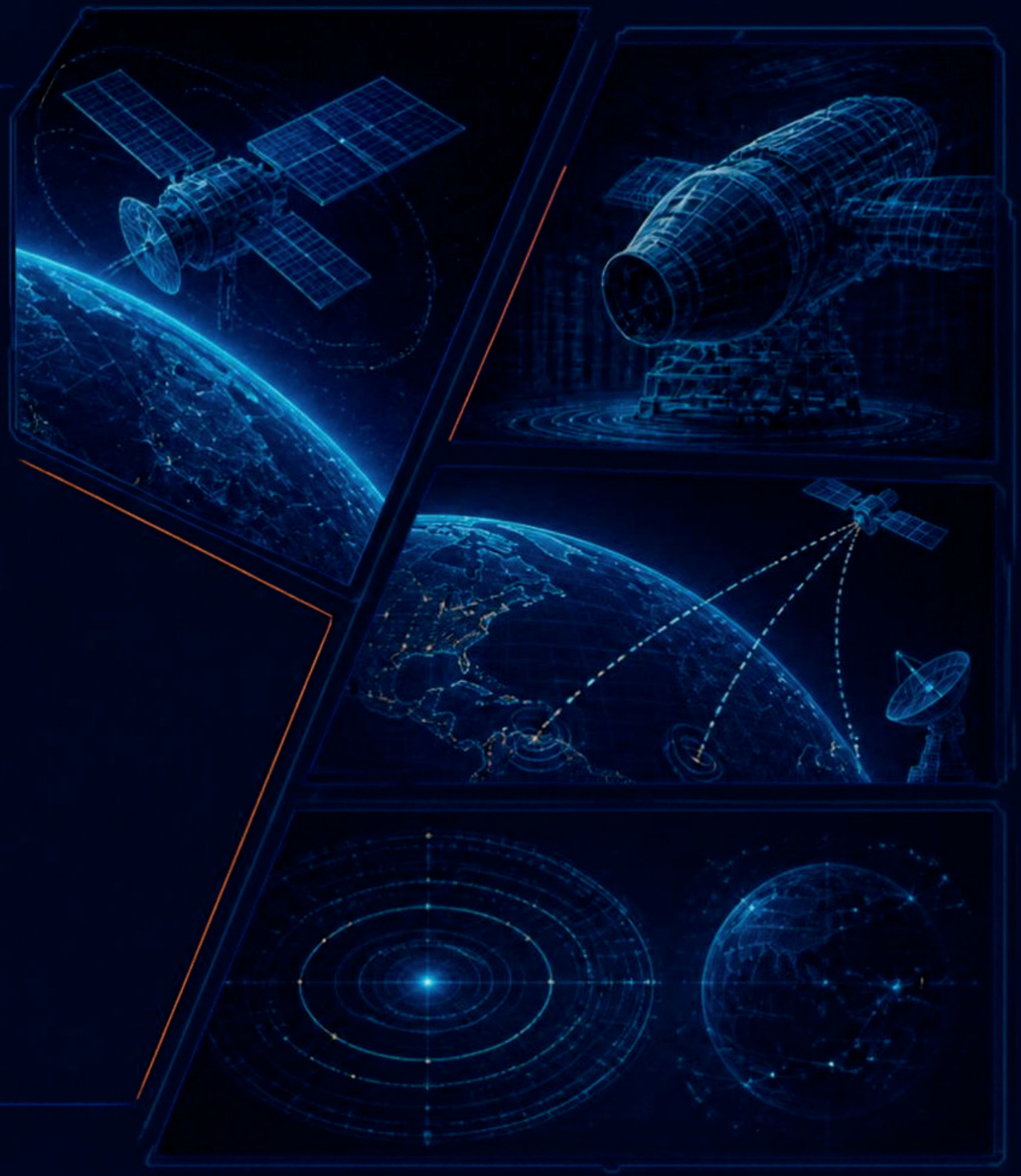
Product Image





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TAMILNADU TECHNOLOGY HUB

SPACE TECH



Aeroin Space Tech

Founded in	Location	Employees
2022	**Chennai**	**15+**

Team



MS Ragul
Founder & CEO

Aerospace engineer and entrepreneur focused on launch-vehicle technology, propulsion, space systems and making space technology more accessible through indigenous aerospace innovation.



Kishore Ashok
Director & CTO

Operations leader responsible for scaling Reneonix's recycling infrastructure, coordinating operational execution and supporting deployment of its technology-enabled material recovery systems.

www.aeroin.space

info@aeroin.space

Developing cost-effective balloon-assisted rockets for satellite launches

Brief

Aeroin SpaceTech is a SpaceTech startup developing affordable launch and near-space technologies. Its flagship Stratospheric Balloon Rocket Launcher (SBRL) concept uses high-altitude balloons to carry a rocket to the stratosphere before launch, with the aim of reducing atmospheric drag, fuel requirements and launch infrastructure requirements. The company also operates Aeroin EduTech for aerospace-focused education and training.

Use Cases

- Small-payload launch and orbital-access applications.
- Earth observation and scientific research payloads.
- Aerospace education, research and engineering training.

Tech Domain	Fund Raised
Space Tech	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 4	Prototype

Product

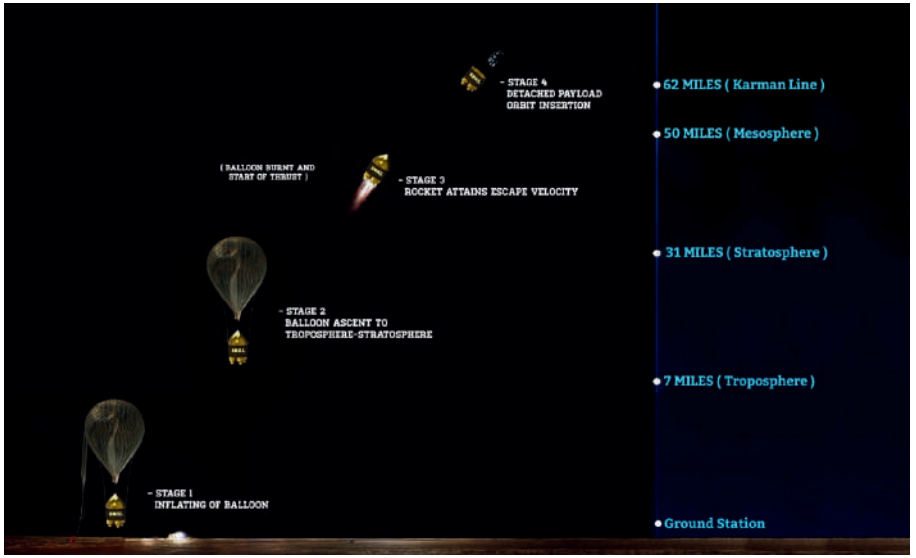
Aeroin's SBRL is a proposed near-space launch architecture that uses high-altitude balloons to lift a rocket to approximately 36–40 km before rocket ignition and orbital flight.

- **Stratospheric Balloon Launcher:** Uses balloons to lift launch hardware above much of the atmosphere.
- **Small-Payload Access:** Targets satellite deployment, research, Earth observation and defence payload applications.
- **Aerospace R&D Platform:** Combines launch-vehicle design, trajectory modelling, propulsion and aerospace simulation for indigenous launch technology development.

Competitive Advantage

- Balloon-assisted launch architecture aims to reduce atmospheric drag and associated launch-energy requirements.
- Targets reduced infrastructure dependency compared with conventional ground-launched systems.
- Combines launch-vehicle R&D with aerospace simulation, propulsion and engineering capabilities.
- Builds an integrated SpaceTech ecosystem through research, education and industry-academia collaboration.

Concept Illustration



SpaceTug

Founded in	Location	Employees
2022	**Chennai**	**7**

Team



Hari Shankar
Founder & CEO

Technology entrepreneur developing robotic satellite-servicing and orbital-sustainability solutions through SpaceTug.



Sughashini
Co-Founder & COO

Contributing to the company's operations and development of autonomous in-orbit servicing and space-debris removal solutions.

www.Spacetug.tech.com

hello@spacetug.tech

SPACETUG
SUSTAINABLE AND COLLISION FREE SPACE

Robotic solutions for satellite servicing & space-debris management.

Brief

SpaceTug develops in-space transportation and satellite servicing solutions focused on orbital mobility, debris removal and sustainable space operations. Its technologies aim to enable spacecraft relocation, life extension and end-of-life management, supporting safer and more efficient use of increasingly congested Earth orbits.

Use Cases

- Removal and management of space debris in Earth orbit.
- In-orbit inspection and servicing of satellites.
- Extending the operational life and safety of space assets.

Tech Domain	Fund Raised
Space Tech	INR 10L
TRL Stage	**Startup Stage**
TRL 4	Protoype

Product

SpaceTug is developing robotic spacecraft designed to service satellites and manage objects in Earth orbit, combining autonomous navigation, spacecraft systems and orbital robotics.

- **Satellite Servicing:** Enables inspection, maintenance and potential life extension.
- **Orbital Robotics:** Supports robotic interaction with spacecraft in orbit.
- **Debris Management:** Targets future missions for identifying and managing orbital debris.

Strategic Partners

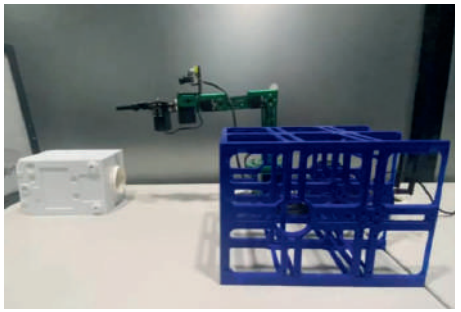
OrbitAID Fueling the future

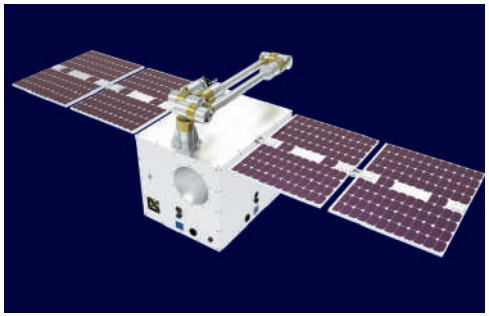
SPANTRIK

Competitive Advantage

- Enables autonomous spacecraft servicing and orbital operations with reduced dependence on ground intervention.
- Focuses on addressing the growing orbital debris problem through active debris capture and removal.
- Develops in-house spacecraft and propulsion capabilities for cost-effective orbital missions.
- Platform can support applications including debris removal, satellite servicing, orbital transportation and end-of-life management.

Product Image





Spaceman Craft

Founded in	Location	Employees
2022	**Kanniyakumari**	**2**

Team



Praveen Kumar N
Founder & CEO

Leading the company's development of propellant-free electric propulsion technology and spacecraft systems. His work focuses on advancing indigenous space technology for satellite operations and future space exploration missions.



Akshaya Sivaraj
Co-Founder & Director

Akshaya Sivaraj Prema is the co-founder of SpaceMan Craft and contributes to the company's technology development and product engineering efforts. She joined the founding team to help develop software and supporting capabilities for the startup's space technology initiatives.

www.spacemancraft.in

spacemancraftindia@gmail.com

Advanced Propulsion system for spacecraft

Brief

SpaceMan Craft is a space technology startup developing propellant-free electric propulsion systems for satellites and spacecraft. Its technology aims to improve orbital control, extend satellite mission lifetimes and reduce dependence on conventional fuel-based propulsion. The company is targeting applications in satellite operations, Earth observation and space exploration.

Use Cases

- **Satellite Orbit Maintenance** – Helps small satellites maintain their required orbits.
- **Extended Satellite Lifespan** – Aims to extend satellite missions without consuming conventional propellant.
- **Earth Observation –** Supports satellite missions used for Earth monitoring and imaging.
- **Satellite Navigation** – Supports spacecraft operations for navigation-related missions.

Tech Domain	Fund Raised
Space Tech	INR 63L
TRL Stage	**Startup Stage**
TRL 5	MVP

Product

SpaceMan Craft is developing EP-AOCS, a propellant-free electric propulsion system designed to support satellite orbit maintenance and extend mission lifetimes. The technology aims to reduce dependence on conventional fuel-based propulsion systems, potentially lowering spacecraft mass and simplifying satellite design.

- **Propellant-Free Mechanism:** Aims to enable orbital control without conventional chemical propellants.
- **Orbit Maintenance:** Designed to support satellite orbital stability and positioning.
- **Reduced Spacecraft Mass:** Potentially eliminates the need for propellant tanks and fuel storage systems.
- **Vacuum Testing:** Prototype testing has been reported under vacuum conditions to evaluate system operation.
- **Small Satellite Applications:** Targets compact satellites and future space missions.

Competitive Advantage

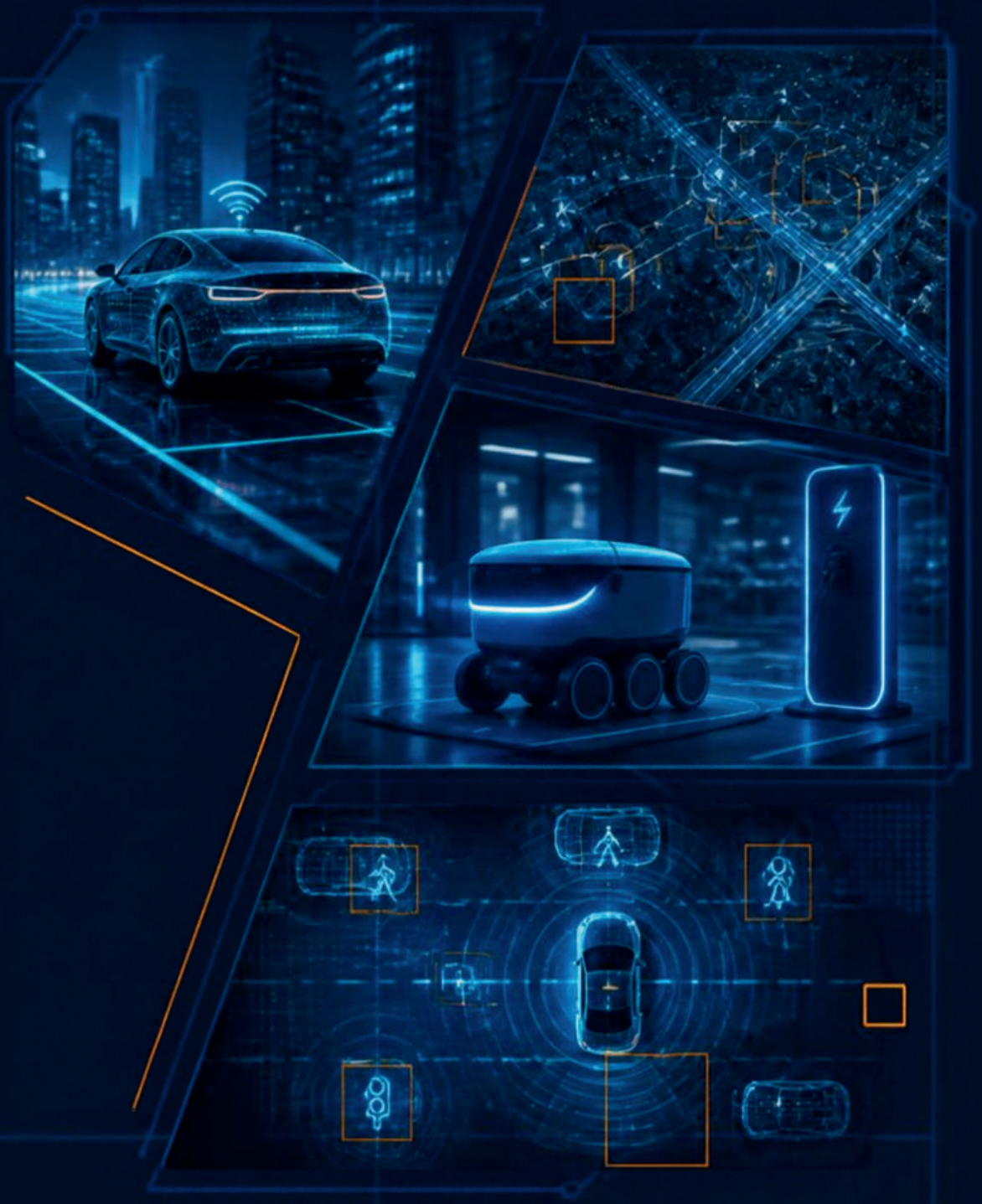
- Propellant-Free Approach – Aims to eliminate conventional propellant and associated storage tanks.
- Potential Mass Savings – Removing fuel tanks and propellant could free up spacecraft mass for payloads.
- Small-Satellite Focus – Targets compact satellites, including CubeSats, with limited power and mass budgets.
- Longer Mission Potential – Aims to support longer operational lifetimes through propellant-free orbital maintenance.

Product Image



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TAMILNADU TECHNOLOGY HUB

MOBILITY



EVTron

Founded in	Location	Employees
2024	**Chennai**	**14**

Team



Manickam AT
Co-Founder

Has over 25 years of experience in software consulting and has led large-scale software projects. At EVtron, he is responsible for the company's technical direction and contributes to its software and charging-management ecosystem.



Mani VS
Co-Founder

25 years of experience in hardware and IoT development, including work on high-impact products and solutions for global clients. He contributes to EVtron's hardware, connected-charging and IoT capabilities.

evtron.in

info@evtron.in

EVtron

Indigenous, full-stack EV charging platform, built for electric logistics fleets.

Brief

EVtron develops indigenous EV charging infrastructure combining AC and DC chargers with intelligent charging-management software. Its solutions support residential, commercial and fleet applications through real-time monitoring, payments, access control, analytics and revenue management. The company focuses on enabling businesses and fleet operators to transition toward reliable, scalable and sustainable electric mobility infrastructure.

Use Cases

- EV charging infrastructure for homes, apartments and workplaces.
- Fast charging infrastructure for commercial and fleet operations.
- Centralised monitoring and management of multiple charging stations.
- Charging analytics, access control and revenue management for charging hosts.

Tech Domain	Fund Raised
EV & Mobiliity Infra	INR 82 L
TRL Stage	**Startup Stage**
TRL 8	Growth

Product

EVtron offers modular smart AC chargers paired with its own charging-management platform. Hardware, firmware and software are built in-house, so the chargers can be configured to each fleet's operational needs.

- AC Chargers: 3.3–22 kW chargers for homes, apartments, workplaces and commercial locations, supporting Type 1 and Type 2 connectors.
- DC Fast Chargers: 30–360 kW high-power chargers designed for charging stations and fleet operations.
- EVtron Software: Mobile and web platforms providing charger control, payments, usage analytics, access control, revenue management and fleet optimisation.

Clients

Danfoss DHL ITC Limited IIITD&M

Competitive Advantage

- Owns the complete EV charging technology stack, from in-house PCBs and 9,000+ lines of proprietary firmware to CMS, enabling rapid customisation without imported controllers.
- Patent-filed GNSS technology enables automatic fleet vehicle recognition, charging and billing without RFID cards or apps. A second patent for Plug & Charge with V2X was filed in 2026.
- Component-level health monitoring supports AI-driven predictive maintenance, developed through the Climate Collective AI cohort.
- Delivered 1,500+ charging sessions and 15,000+ kWh for clients including DHL, Danfoss and Logisteed. Won Climate Pitch 2025, backed by Cummins.

Product Image





Visaiyon Energies

Founded in	Location	Employees
2018	**Coimbatore**	**30**

Team



Saravanan
Founder & CEO

A Mechanical Engineering graduate, he previously worked at Airbus in aircraft structural analysis and Nissan Motors in crash engineering before building Visaiyon around proprietary EV powertrain technology.



Solaiyappan
Co-Founder

With automotive engineering experience at Valeo, contributing to the company's development of in-house EV technologies and its global electric motorcycle platform.

www.visaiyon.com

info@Visaiyon.com

VISAIYON

Performance-focused electric motorcycles with proprietary battery, motor and powertrain technology.

Brief

Visaiyon develops high-performance electric motorcycles and proprietary EV powertrain technologies. The company engineers its own motors, battery systems, controllers, firmware and supporting software rather than relying entirely on off-the-shelf components. Its flagship Jagen motorcycle is designed for high performance, fast charging, long range and global markets, including Europe.

Use Cases

- High-performance electric two-wheelers
- Long-range urban and intercity mobility
- EV powertrain, motor and battery technology for OEM applications

Tech Domain	Fund Raised
EV/Mobility	INR 8L (TANSEED)
TRL Stage	**Startup Stage**
TRL 8	Growth

Product

Visaiyon's flagship Jagen is a performance electric motorcycle built around proprietary powertrain technologies, targeting both Indian and international markets. The company develops its core systems in-house.

- **Jagen Electric Motorcycle:** High-performance motorcycle designed for long range and fast charging.
- **Proprietary Powertrain:** In-house electric motor, controller, BMS and firmware technologies.
- **Battery System:** Energy-dense architecture with thermal management and fast-charging capability for improved performance and efficiency.

Clients

100

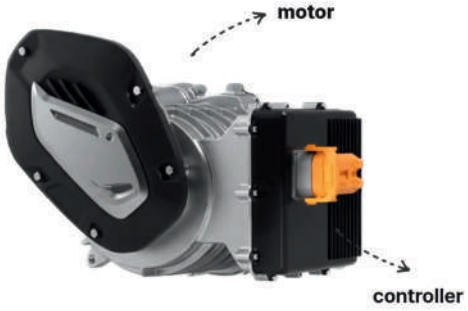
Confirmed orders from Oman

Competitive Advantage

- In-house technology: Develops its own motor, controller, firmware and software.
- Integrated architecture: Engineers battery, motor and vehicle systems as one platform.
- High-performance focus: Combines long range, fast charging and thermal stability.
- Engineering expertise: Built by a 30+ member team with automotive and deep-tech experience.

Product Image









iTNT
TAMILNADU TECHNOLOGY HUB

ROBOTICS & INDUSTRIAL AUTOMATION



Clofus Innovtions

Founded in	Location	Employees
2016	**Chennai**	**9**

Team



Kathik Balu
Founder & CEO

With a background in electronics, computer science, software architecture and warehouse analytics. He has focused on applying AI and computer vision to real-world operational challenges.



Priya Karthik
Co-Founder

Bringing 13 years of experience in software and technology systems, with previous experience at Accenture and expertise supporting AI-driven product development.

www.clofusinnovations.com sales@clofusinnovations.com

Clofus Innovations

AI-powered computer vision and warehouse automation solutions for inventory, logistics and industrial operations.

Brief

Clofus Innovations develops AI, computer vision, robotics and software solutions for business automation. Its current flagship Vikbot platform focuses on warehouse and inventory intelligence, using AI-powered cameras and vision systems to track physical inventory, monitor operations, improve dispatch accuracy and automate repetitive processes across logistics and manufacturing.

Use Cases

- AI-based inventory counting and tracking
- Warehouse dispatch and loading verification
- Industrial safety, surveillance and process monitoring

Tech Domain	Fund Raised
AI/ML	Not Disclosed
TRL Stage	**Startup Stage**
TRL 9	Growth

Product

Clofus' current flagship Vikbot is an AI-powered warehouse and inventory intelligence platform combining computer vision, cameras, sensors and analytics to capture physical operational data.

- **DockBot:** AI-powered loading-dock verification with visual proof of inbound/outbound movements.
- **ScanBot:** Vision-based picking and inventory assistant that reads product labels beyond conventional barcodes.
- **Fusion Dashboard:** Digital-twin-style control tower providing real-time inventory, location and movement visibility.

Clients

SAINT-GOBAIN amazon WOLF & COMPANY, P.C. HERO CYCLES

Competitive Advantage

- Uses computer vision to observe physical inventory movement, rather than relying only on barcode or ERP records.
- Works with existing cameras and can operate offline/on-premise, helping organisations retain control of operational data.
- Provides an integrated stack spanning vision hardware, AI analytics, warehouse tracking and digital dashboards.
- Focuses on measurable operational outcomes such as reducing inventory discrepancies, dispatch errors, manual reconciliation and warehouse losses.

Product Image



Yagen Robotics

Founded in	Location	Employees
2020	**Chennai**	**17**

Team



Lena Sekar
Founder & CEO

Leading the company's development of robotics education products, learning programs and institutional robotics labs.

Robotics & AI learning solutions for schools, universities and future-ready STEM education.

Brief

Yagen Robotics develops robotics and AI learning solutions for K–12 students, universities and educational institutions. The company designs and manufactures educational robotics kits, provides structured courses and establishes robotics labs. Its products cover robotics, IoT, AI, automation and advanced technologies, with a focus on hands-on, application-oriented learning.

Use Cases

- Robotics and STEM education for K–12 students
- Advanced robotics, AI and IoT training for university students
- Robotics laboratory setup and curriculum implementation for educational institutions

www.yagenrobotics.com
info@yagenrobotics.com

Tech Domain	Fund Raised
Robotics/AI	INR 3.5 Cr
TRL Stage	**Startup Stage**
TRL 7	Revenue

Product

Yagen Robotics develops hands-on robotics and AI learning platforms that combine hardware, software and structured curriculum for students and institutions. Its key offerings include:

- **NIX:** ESP32-based beginner robotics kit with Bluetooth, sensors, motors and block coding.
- **MARK Series:** Progressive robotics platforms covering basic robotics through autonomous navigation, computer vision and robotic-arm applications.
- **Robotics Labs:** Complete laboratory setups with equipment, curriculum and training for schools and universities.

Clients

Women's Christian College — Since 1915 — Lighted to Lighten

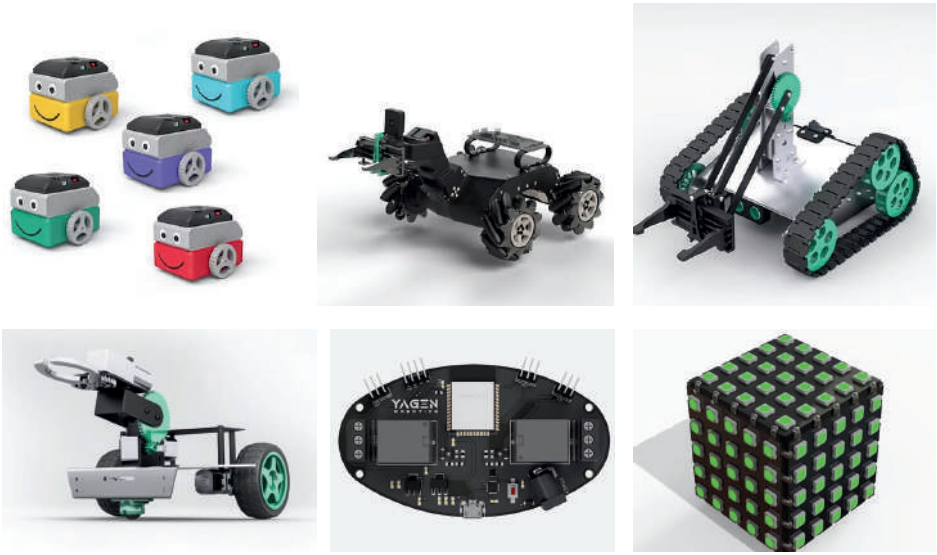
CHRIST — Excellence and Service

queen mira international school

Competitive Advantage

- End-to-end ecosystem: Combines robotics kits, curriculum, training and lab setup.
- In-house manufacturing: Products are designed, developed and manufactured in India.
- Progressive learning: Product range supports students from beginner robotics to advanced AI and autonomous systems.
- Affordable platforms: Company claims 40–50% more features and 20–30% lower cost than competitors

Product Image



Guhan Industries

Founded in	Location	Employees
2020	**Chennai**	**50**

Team



Guhan Gunasekaran
Founder & CEO

Leading the development of indigenous advanced manufacturing technologies, machine tools and precision waterjet systems.

Indigenous waterjet and advanced machine-tool solutions for precision manufacturing.

Brief

GIMS is an advanced manufacturing startup developing indigenous machine tools and manufacturing technologies. Its flagship KATANA abrasive waterjet systems provide precision cold-cutting across metals, composites, ceramics, glass, stone and other materials. The company focuses on reducing dependence on imported machine tools while making advanced manufacturing equipment more accessible to MSMEs, industries, research institutions and technical institutes.

Use Cases

- Precision cutting of metals, composites, ceramics and advanced materials
- Aerospace, defence, automotive and industrial manufacturing
- Prototyping, research and advanced manufacturing education

www.gimsindia.in
Sales@gimsindia.in

Tech Domain	Fund Raised
Advanced Manufacturing	INR 2.5 Cr
TRL Stage	**Startup Stage**
TRL 9	Growth

Product

KATANA is an indigenous abrasive waterjet cutting platform designed for precision cold-cutting across diverse materials. It combines high-pressure water, abrasive cutting, CNC control and precision machine-tool engineering.

- **KATANA SJ150:** Compact waterjet system for education, prototyping and small-scale manufacturing.
- **KATANA SJ Series:** Industrial cutting of metals, composites, ceramics, glass, stone and plastics.
- **Custom Systems:** Tailored waterjet and machine-tool solutions for specialised industrial applications.

Clients

Govt of India
Ministry of Mines

Ministry of Ports, Shipping & Waterways
Government of India

Competitive Advantage

- KATANA is an indigenous abrasive waterjet cutting platform designed for precision cold-cutting across diverse materials. It combines high-pressure water, abrasive cutting, CNC control and precision machine-tool engineering.
- KATANA SJ150: Compact waterjet system for education, prototyping and small-scale manufacturing.
- KATANA SJ Series: Industrial cutting of metals, composites, ceramics, glass, stone and plastics.
- Custom Systems: Tailored waterjet and machine-tool solutions for specialised industrial applications.

Product Image



Food Printer

Founded in	Location	Employees
2016	**Chennai**	**10**

Team



Sathesh Kumar
Founder & CEO

Entrepreneur focused on circular economy and material recovery, leading Reneonix in developing technology-enabled systems that improve glass recycling, traceability and conversion of waste into industrial raw materials.



Nagaveni S
Co-Founder

Operations leader responsible for scaling Reneonix's recycling infrastructure, coordinating operational execution and supporting deployment of its technology-enabled material recovery systems.

kitosys.com

info@kitosys.com

KitOSys

Robotic kitchen platform for automated multi-food and multi-cuisine preparation.

Brief

KitOSys develops robotic kitchen automation systems designed to automate multi-cuisine food preparation for homes and commercial kitchens. Its iKichn platform combines robotics, automation, IoT and recipe-based control to improve consistency, reduce repetitive kitchen work and optimise manpower. The system is designed for scalable food preparation across residential, institutional and commercial applications.

Use Cases

- Automated preparation of multi-cuisine meals in commercial kitchens.
- Automated cooking for homes and families with customised recipes.
- High-volume food preparation for restaurants, institutions and food businesses.

Tech Domain	Fund Raised
Robotics	Not publicly Disclosed
TRL Stage	**Startup Stage**
TRL 8	Revenue

Product

KitOSys develops iKichn, a robotic kitchen system that automates food preparation using programmable recipes, automated processes and connected technologies. The platform is designed for both home and commercial applications.

- **iKichn-Home:** Multi-cuisine automated cooking system for households, connected through IoT and cloud-based recipe management.
- **iKichn-Business:** Industrial robotic kitchen system supporting customised menus and capacities from approximately 50–500 people.
- **Recipe & Kitchen Automation:** Programmable recipes, automated cooking processes, inventory monitoring and automated cleaning capabilities.

Clients

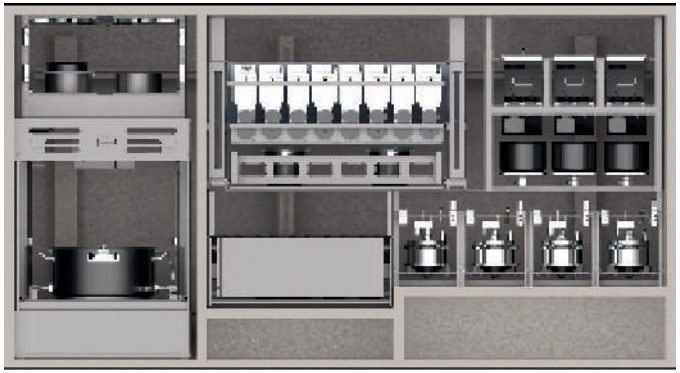
TVSE TVS ELECTRONICS

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Competitive Advantage

- Multi-Cuisine Capability: Designed for multiple food categories rather than a single specialised dish.
- Modular Architecture: Hardware can potentially be configured for different food-processing requirements.
- Automation-First Design: Reduces dependence on repetitive manual kitchen operations.
- Cloud Integration: Enables connected monitoring and management of automated food operations.

Product Image





Altru Robotics

Founded in	Location	Employees
2023	**Chennai**	**4**

Team



Shahjahan Mujeeb
Founder & CEO

Lead developer of the company's telepresence robotics programme. He has worked across robotics, AI, embedded systems and software.

mujeebshahjahan@gmail.com

Autonomous telepresence robots combining mobility, remote interaction and intelligent navigation.

Brief

Altru Robotics develops autonomous mobile robots designed to combine telepresence with navigation and human-robot interaction. Its first product, tBot, is an autonomous telepresence robot capable of creating 2D maps, navigating environments autonomously or through remote control, and being deployed through a browser-based interface. The platform also incorporates multilingual interaction and a conversational personality, positioning it for environments where remote presence, navigation and visitor interaction can be combined.

Use Cases

- Enable users to interact with and observe locations remotely through a mobile robotic platform.
- Guide visitors through indoor environments while responding to basic queries and directions.
- Provide a mobile robotic presence in offices, institutions and other indoor environments where physical presence can be extended remotely.

Tech Domain	Fund Raised
Robotics / AI	INR 6.45L (Grant)
TRL Stage	**Startup Stage**
TRL 4	Prototype

Product

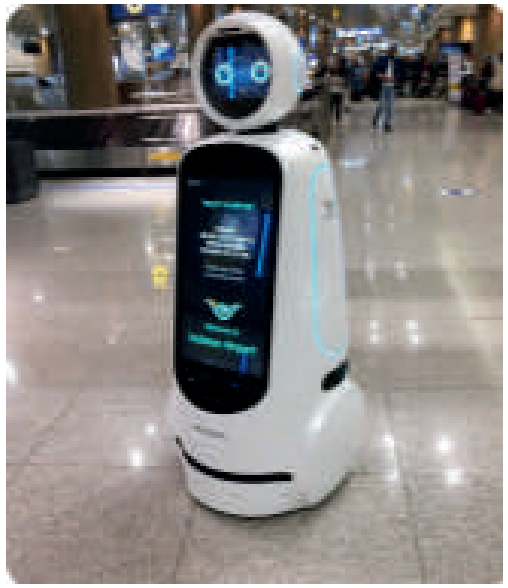
Altru Robotics' first product, tBot, is an autonomous telepresence platform combining mobile robotics, mapping, navigation and remote interaction.

- **tBot Autonomous Telepresence Robot** – Mobile robot designed to provide remote presence while independently navigating indoor environments.
- **Autonomous Mapping & Navigation** – Creates 2D maps of unfamiliar environments and supports autonomous route-based, random or manually controlled navigation.
- **Remote Deployment Interface** – Browser-based interface allows users to control and configure the robot without directly reprogramming its hardware.
- **Interactive Robot Personality** – Provides conversational assistance, location guidance and Tamil/English language interaction.

Competitive Advantage

- Integrated autonomy – Combines mapping, autonomous navigation and teleoperation within a single mobile platform.
- Hardware-software integration – Development spans the robot chassis, sensors, ROS-based sensor fusion, navigation software and web interface.
- Low-friction deployment – Browser-based control allows users to operate the robot without directly modifying or reprogramming the underlying system.

Product Image



iTNT
TAMILNADU TECHNOLOGY HUB

AEROSPACE & DRONES



Aerial Kinetics

Founded in	Location	Employees
2023	**Chennai**	**8**

Team



Praveen Balaj B
Co-Founder & CEO

Leads Sky1's business and product direction, with a focus on building scalable aerial systems and autonomous drone operations.



Sonny Chandra Kumaran
Co-Founder & COO

Leads hardware and software development across Sky1's drone and autonomy products.

www.sky1.ai

praveen.b@sky1.ai

Building the operating system for scalable and intelligent drone fleets.

Brief

Aerial Kinetics, operating under the Sky1 brand, develops integrated drone hardware and AI software for autonomous aerial operations. Its platform combines purpose-built UAVs, ground control, fleet intelligence and onboard AI to move drone operations beyond individual manual flights toward coordinated, repeatable and monitored missions. The company is developing applications across infrastructure, agriculture, public safety, surveillance and aerial entertainment.

Use Cases

- **Infrastructure Inspection:** Uses drones to inspect power lines, buildings and large assets.
- **Agriculture:** Monitors crops and farmland using aerial imaging.
- **Public Safety:** Supports surveillance, security patrols and emergency response.
- **Aerial Entertainment:** Creates coordinated drone shows for events and celebrations.

Tech Domain	Fund Raised
Drone Tech	NA
TRL Stage	**Startup Stage**
TRL 6	Pilot

Product

Sky1's product ecosystem combines drone hardware, fleet management and onboard intelligence.

- **FleetOS** – AI-powered ground control platform for mission planning, fleet monitoring, flight operations and performance analysis.
- **Axion** – Onboard AI modules designed for real-time anomaly detection and autonomous decision-making.
- **SkyBlitz** – Purpose-built drone fleets and AI-assisted choreography for large-scale drone light shows.
- **Indigenous Drone Hardware** – Application-specific UAV platforms designed and developed in-house for aerial operations.

Clients

TAJ

Competitive Advantage

- Full-stack drone ecosystem – Combines UAV hardware, ground control, fleet intelligence and onboard AI rather than focusing on only the drone itself.
- Fleet-scale autonomy – Focuses on coordinated, repeatable operations across multiple drones.
- Indigenous hardware development – Sky1 states that it designs and builds application-specific drone platforms internally.
- Hardware-software integration – FleetOS and Axion are designed around the company's own aerial systems, enabling tighter integration between flight operations and intelligence.

Product Image



ACME India Medical Drones

Founded in	Location	Employees
2023	**Chennai**	**3**

Team



Shreeprakash Rathakrishnan

Founder & CEO

Mechanical Engineer and MBA with 30+ years of experience across product engineering, UAV projects, manufacturing and engineering with organisations including BEML, Caterpillar and Systel.

www.med-drones.com acmeindiamedicaldrones@gmail.com

Medical drones for time-critical healthcare logistics

Brief

ACME India Medical Drones develops UAV-based solutions for the rapid transportation of blood, blood components, critical medicines and human organs, particularly to remote or difficult-to-access locations. Its medical drone platform combines an autopilot-enabled flight controller, GPS navigation, real-time data communication and live video, with a stated payload capacity of up to 2 kg and transmission range of 10 km.

Use Cases

- Rapid transportation of blood bags, blood components and critical medicines to hospitals and underserved areas.
- Time-sensitive movement of organs and specialised organ-transport containers between healthcare facilities.
- Last-mile delivery across congested, hilly and hard-to-access geographies.

Tech Domain	Fund Raised
Drone Tech	NA
TRL Stage	**Startup Stage**
TRL 7	Pilot

Product

Medical Drone Platform – UAV designed for time-sensitive transportation of medical supplies and organs.

- Medical Logistics Drone – 2 kg payload, 30-minute stated endurance without payload, GPS navigation and live video.
- Real-Time Flight & Data System – Autopilot-enabled flight controller with data communication for tracking and mission control.
- Organ Transportation Solution – Special-purpose human-organ transportation boxes designed for time-critical transplant logistics.
- Drone Technology & Components – Design, manufacturing, system integration, testing, pilot training and supply of UAV components.

Clients

REUDE TECHNOLOGIES

Competitive Advantage

- Medical-specific positioning rather than competing primarily in agriculture or general-purpose drones.
- Indigenous flight controller and autopilot systems with real-time data communication.
- Safety-oriented design, including hexacopter configuration, infrared shielding and other stated safety features.
- Integrated manufacturing capability spanning design, development, manufacturing, assembly, system integration and testing.

Product Image



iTNT
TAMILNADU TECHNOLOGY HUB

SUSTANABILTY & CLEAN TECH







Avris Environment

Founded in	Location	Employees
2023	**Chennai**	**5**

Team



Ravi Ayyangar
Co-Founder & Director

With 30+ years of experience across finance, project management, manufacturing, marketing and plant management in diverse industrial sectors.



Bharath Vetrivel
Co-Founder & Director

With experience in management consulting, project management, fundraising, sales and marketing, and sustainability-oriented business initiatives.

www.avristech.com

bharath@avristech.com

Patented, sealed food waste treatment plants that turn waste into biogas and fertiliser at source.

Brief

Avris Environment Technologies focuses on sustainable waste management and circular economy solutions. The company aims to address environmental challenges through innovative approaches to waste processing, resource recovery and sustainability. Its initiatives support responsible waste handling, efficient resource utilisation and environmentally conscious practices, contributing to reduced waste generation and improved environmental management.

Use Cases

- **Institutional Canteens:** Treat food waste at source in factories with in-house canteens.
- **Hotels & Restaurants:** Zero-waste kitchens with no storage of food waste.
- **Apartments & Campuses:** Decentralised treatment compliant with SWM 2016 rules.

Tech Domain	Fund Raised
Clean Tech / Waste Management	INR 4.5 Cr
TRL Stage	**Startup Stage**
TRL 9	Growth

Product

CHUGG is patented in-situ food waste treatment system converting food waste into biogas and organic fertiliser through anaerobic digestion.

- **Source Treatment:** Processes food waste onsite, reducing storage, transportation and disposal needs.
- **Two Variants:** CHUGG 35 handles up to 35 kg/day; CHUGG 75 handles up to 75 kg/day. Modular, plug-and-play design. CHUGG PPT 2025
- **Useful Outputs:** Generates biogas and organic manure/liquid fertiliser, turning waste into usable resources. CHUGG PPT 2025

Clients

Competitive Advantage

- Requires only 1 unit/day, while organic waste converters are power-intensive.
- Anaerobic process operates without added chemicals, unlike compared alternatives.
- Converts waste into useful biogas and fertiliser instead of requiring further disposal.
- Patent awarded in 2022, with deployments across institutional and commercial customers. CHUGG PPT 2025

Product Image



Olive IOT Innovations

Founded in	Location	Employees
2020	**Chennai**	**15**

Team



Robin Thomas
Founder & CEO

Leading the development of indigenous Industrial IoT and AIoT products. He focuses on sustainable technology, embedded systems and connected solutions for industrial and environmental applications.



Muthu Raja
CTO

With around 10 years of experience in IoT hardware, embedded programming, power electronics, electrical hardware and cloud-based monitoring and control systems.

oliveiot.com

office@oliveiot.com

Olive IoT

Industrial IoT and AIoT solutions for remote monitoring, automation and sustainable operations.

Brief

Olive IoT develops Industrial IoT and AIoT solutions for real-time monitoring, remote access and automation of industrial machines and sustainable infrastructure. Its solutions combine connected hardware, embedded systems, sensors, cloud dashboards and analytics, with applications spanning bioenergy, manufacturing, agriculture, water management and environmental monitoring.

Use Cases

- **Bioenergy Monitoring:** Remote monitoring and control of biodigesters, biogas plants and carbon-offset parameters.
- **Industrial Monitoring:** Connects PLCs, machines and sensors for real-time monitoring, control and predictive maintenance.
- **Smart Agriculture:** Uses IoT sensors and AIoT systems for crop, soil, irrigation and environmental monitoring.

Tech Domain	Fund Raised
IIoT	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 8	Growth

Product

Olive IoT develops connected hardware and software platforms for industrial monitoring, automation and sustainable infrastructure. Its flagship OLIVEGATE® provides remote access and monitoring for biodigesters and bioenergy plants, while the wider platform supports PLCs, machines, sensors and AIoT applications.

- **OLIVEGATE®:** Plug-and-play gateway for remote monitoring, control and access to biodigesters and bioenergy plants.
- **IoT Monitoring Platform:** Connects PLCs, sensors and industrial machines to web/mobile dashboards for real-time data and alerts.
- **Custom AIoT Solutions:** Develops tailored hardware, embedded systems, cloud platforms and automation solutions for industrial and sustainability applications.

Clients

harp renewables, flock ENERGY, ECOFINITY, AERONERO

Competitive Advantage

- Designs hardware, embedded systems, IoT connectivity and monitoring platforms in-house, reducing dependence on external development.
- OLIVEGATE® can be connected directly to a biodigester's PLC and configured with a remote monitoring dashboard.
- A combined team experience of more than 70 years in Industrial IoT and hardware systems.
- Deployments across 80+ sites in six countries, demonstrating experience in delivering IoT solutions across different markets.

Product Image



Techno Wild India

Founded in	Location	Employees
2023	**Erode**	**4+**

Team



Dr. Sanjoy Deb
Founder & CEO

Electronics engineering academic and researcher with 13+ years of faculty and R&D experience, leading sensor, vibration-analysis and AI-enabled safety technology development.



Dr. Aratrika Sarkar
Co-Founder & Head R&D

Leads research and product development across vibration sensing, wildlife safety and emerging sensor applications.

technowildindia.com

sanjoydeb@bitsathy.ac.in

TECHNO WILD

AI-enabled motion sensing for safer construction, mining and human–wildlife environments.

Brief

Techno Wild develops indigenous sensing and alert technologies that use vibration, acoustic, optical and AI-based systems for wildlife safety, mining, tunnelling and infrastructure monitoring. Its Seismic Event Analysis System (SEAS) combines tri-axial geophones, edge computing and machine learning to identify and classify low-frequency vibration events.

Use Cases

- **Urban Construction:** Detect and classify vibration events around construction and tunnelling sites to support safety monitoring.
- **Mining & Tunnelling:** Monitor ground vibrations associated with blasting and excavation and generate early alerts.
- **Wildlife Safety:** Detect animal movement through footstep vibrations, laser interruption and other sensing methods to support early-warning systems.

Tech Domain	Fund Raised
Motion Sensing	INR 36.15L
TRL Stage	**Startup Stage**
TRL 4	Prototype

Product

Techno Wild's product portfolio combines field-deployable sensors, embedded electronics, AI and alert systems for safety and environmental applications.

- **SEAS (Seismic Event Analysis System)** – Tri-axial geophone-based system using edge computing and machine learning to classify low-frequency seismic and vibration events.
- **Low-Frequency Vibration Tracker** – Ground-vibration monitoring system developed for mining blasts, tunnelling and related safety applications.
- **Wildlife Early Warning Systems** – Footstep-vibration and laser-based systems for detecting and warning against elephant and other animal movement.
- **Human–Wildlife Safety Systems** – Electronic signage, crop-protection, acoustic deterrence and roadkill-prevention systems designed for forest communities and wildlife corridors.

Clients

BRT TIGER RESERVE

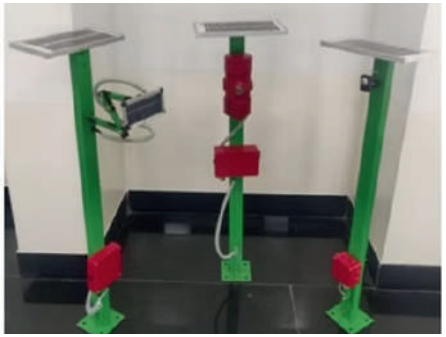
SATHYAMANGALAM Tiger Reserve

PARSA WILDLIFE RESERVE

Competitive Advantage

- Long-field validation – More than a decade of R&D and field implementation across forests, farms and infrastructure environments.
- Indigenous sensing technology – In-house development across geophones, vibration sensing, embedded electronics, optical detection and alert systems.
- Multi-domain application – Technology developed for wildlife conservation is being extended into mining, tunnelling and construction safety.
- AI-enabled vibration analysis – SEAS combines tri-axial sensing, 32-bit edge computing and machine learning for localized event classification.

Product Image





ESA Innovations

Founded in	Location	Employees
2021	**Chennai**	**4**

Team



Anvith Vignesh
Founder & CEO

Leading multidisciplinary engineering and R&D across EVs, hydrogen mobility, advanced materials, and sustainable energy solutions. His background includes advanced composite-material research and engineering experience from Luleå University of Technology.

esainnovations.com

anvith@esainnovations.com

Engineering solutions in sustainable energy, electric mobility and advanced materials.

Brief

ESA Innovations develops engineering and research solutions for sustainable mobility and energy systems. Its work spans electric vehicles, battery systems, hydrogen mobility, advanced materials and sustainable energy, combining mechanical, electrical and material-science capabilities to develop technologies for emerging clean-energy applications.

Use Cases

- Battery systems and engineering solutions for electric vehicles.
- Hydrogen-based mobility and sustainable energy applications.
- Lightweight materials for renewable-energy infrastructure.

Tech Domain	Fund Raised
EV Powertrain	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 5	Prototype

Product

ESA Innovations develops multidisciplinary engineering solutions across electric mobility, hydrogen technologies, advanced materials and sustainable energy. The company combines engineering research with product development to address emerging mobility and energy challenges.

- **EV Solutions:** Develops technologies for electric mobility, battery systems and vehicle applications.
- **Hydrogen Systems:** Explores hydrogen-based mobility and clean-energy applications.
- **Advanced Materials:** Develops material technologies supporting sustainable engineering and energy applications.

Competitive Advantage

- Combines expertise across EVs, hydrogen, materials and sustainable energy.
- Integrates engineering R&D with practical product-development capabilities.
- Focuses on emerging technologies with applications in sustainable mobility.
- Supports multidisciplinary development across mechanical, electrical and material engineering.

Product Image





Terracarb

Founded in	Location	Employees
2019	**Coimbatore**	**10**

Team



Solomon Jones
Founder & CEO

Materials professional with 9+ years of experience in graphene manufacturing, nanomaterials and commercialisation.



Dr. Sushmee Badhulika
Principal Advisor

Professor at IIT Hyderabad with 15+ years of research experience in graphene, nanomaterials, sensors and energy storage.

www.terracarb.com

info@terracarb.com

terracarb™
reimagining graphene

Affordable graphene additives for stronger, lower-carbon materials.

Brief

Terracarb manufactures pre-dispersed graphene additives that drop straight into existing industrial processes. Its proprietary chemical exfoliation process converts graphite into functionalised graphene dispersions in a single step, at roughly one-fifth of the global average cost, with a commercial capacity of 120 tonnes a year. In concrete, small doses raise strength and durability while cutting embodied carbon by about 25%.

Use Cases

- Low-carbon, high-strength concrete for infrastructure, precast and industrial foundations.
- Anti-corrosion primers and coatings that replace toxic zinc-based additives.
- Friction-reducing, anti-wear additives for industrial lubricants and greases.
- Conductive inks and electrode additives for printed electronics and energy storage.

Tech Domain	Fund Raised
Advanced Materials	USD 29.2k
TRL Stage	**Startup Stage**
TRL 4	Prototype

Product

Terracarb develops functionalized graphene dispersions and additives for integration into industrial materials and manufacturing processes.

- **Terraphene:** Pre-dispersed graphene additives for concrete, coatings, lubricants, composites and energy-storage applications.
- **Terramax:** Graphene dispersion and manufacturing platform producing formulations across water-, solvent- and oil-based carriers.
- **Graphene Formulations:** Application-specific materials designed to improve properties such as strength, durability, conductivity and wear resistance.

Clients (In Pipeline)

Nitto Innovation for Customers

Zydex Innovating for Sustainability

DEEPAK

Competitive Advantage

- Proprietary production process: Chemical exfoliation technology for scalable graphene production.
- Application-specific formulation: Materials can be adapted to different surface chemistries, particle sizes and carrier systems.
- Production capacity: Reported annual capacity of 120 tonnes.
- Quality standard: Graphene production platform compliant with ISO/TC 21356 graphene quality standards.

Product Image



Hypersonic

Founded in	Location	Employees
2023	**Chennai**	**6**

Team



Dr. Jayaraman
Founder & CEO

Dr. Jayaraman Kandasamy holds a PhD from IIT Madras and completed postdoctoral research in France. He brings over 22 years of experience in sustainable energy development in India and internationally, leading Hypersonic Technologies' development of plasma pyrolysis solutions.



Dr. Jayakumar
Co-Founder & CTO

Dr. Jayakumar Venkatesan brings approximately 15 years of experience in sustainable aerospace applications. He leads the company's technical development, contributing aerospace and engineering expertise to its clean-energy technology initiatives.

www.hypersonics.in

info@reneonix.com

HYPERSONIC TECHNOLOGIES

Modular plasma pyrolysis technology for low-emission hydrogen and advanced carbon material production.

Brief

Hypersonic Technologies is a deep-tech climate-tech startup developing modular plasma pyrolysis reactors to convert methane, natural gas and biogas into hydrogen and solid carbon materials. Its water-free technology aims to support industrial decarbonisation while reducing carbon emissions associated with conventional hydrogen production. The company also integrates AI-driven safety systems, carbon-credit monetisation and environmental reporting capabilities to support cleaner industrial operations.

Use Cases

- Low-emission hydrogen production for refineries, steel plants and other energy-intensive industries.
- Production of solid carbon materials for tyres, pigments, plastics and industrial applications.
- Industrial decarbonisation through emissions monitoring, carbon-credit monetisation and environmental reporting.

Tech Domain	Fund Raised
clean Tech	NA
TRL Stage	**Startup Stage**
TRL 5	MVP

Product

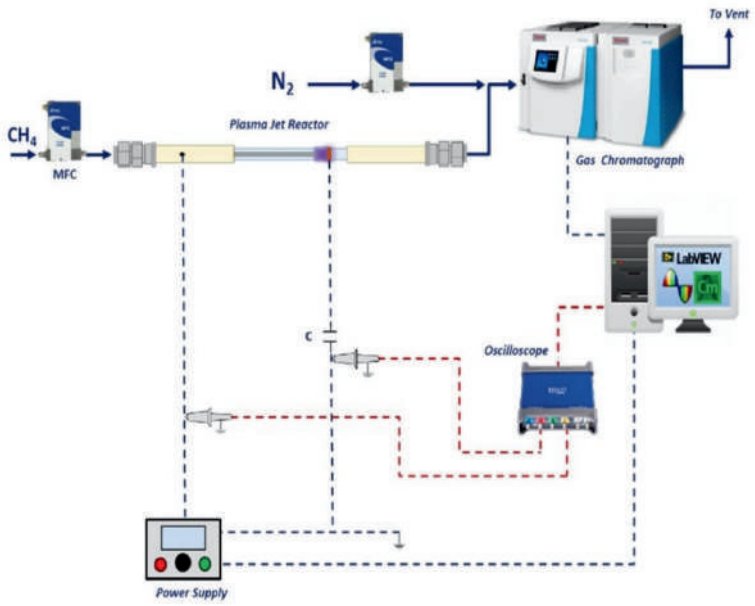
Hypersonic Technologies is developing a modular plasma pyrolysis platform that converts methane-containing feedstocks into hydrogen and solid carbon materials. The process is designed to avoid direct CO_2 emissions from the conversion reaction while reducing water requirements compared with electrolysis.

- **Plasma Pyrolysis Reactor:** Converts methane, natural gas or biogas into hydrogen and solid carbon through a plasma-driven process.
- **Advanced Carbon Materials:** Produces solid carbon materials intended for industrial applications, including tyres, pigments and plastics.
- **AI-Enabled Sustainability Platform:** Integrates industrial safety, ESG reporting and emissions measurement, reporting and verification to support carbon-credit monetisation.

Competitive Advantage

- Designed to produce hydrogen and solid carbon materials from the same conversion process, creating two potential revenue streams.
- The plasma pyrolysis process avoids the purified-water requirement associated with conventional water electrolysis.
- Aims to support decentralised deployment across industrial facilities and manufacturing clusters.
- Combines the core energy technology with AI-driven safety, ESG reporting and carbon-credit monitoring capabilities.

Schematic Layout



Lab2Market Engineering

Founded in	Location	Employees
2023	**Chennai**	**4**

Team



Dr. R. Kannan
Founder & CEO

Entrepreneur focused on circular economy and material recovery, leading Reneonix in developing technology-enabled systems that improve glass recycling, traceability and conversion of waste into industrial raw materials.



Karthik Shankar
Co-Founder & COO

Operations leader responsible for scaling Reneonix's recycling infrastructure, coordinating operational execution and supporting deployment of its technology-enabled material recovery systems.

kannanmech134gmail.com

Advanced two-phase thermal management for space and high-density electronics.

Brief

LAB2MARKET Engineering develops advanced thermal-management solutions based on two-phase cooling technology for high-density electronics and space applications. Its technology aims to improve heat dissipation while enabling compact and flexible thermal architectures for demanding engineering environments.

Use Cases

- Thermal management of high-density electronics.
- Cooling systems for space applications.
- Advanced thermal-energy management.

Tech Domain	Fund Raised
Sustainability	INR 40L
TRL Stage	**Startup Stage**
TRL 4	Prototype

Product

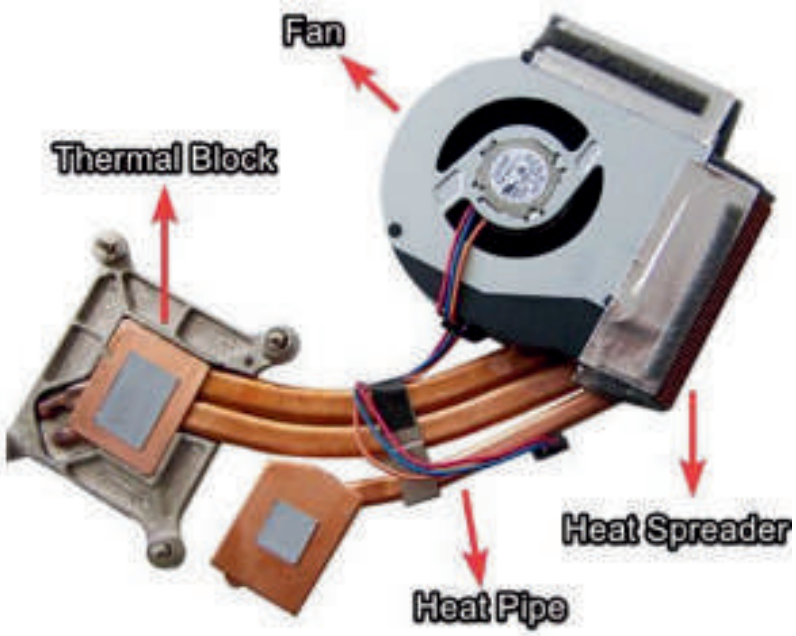
LAB2MARKET develops two-phase thermal solutions designed to efficiently remove heat from high-density electronics and specialised systems.

- **Two-Phase Cooling**: Uses phase-change heat transfer for high-efficiency thermal management.
- **Space Cooling:** Targets compact thermal-management requirements in spacecraft and space electronics.
- **High-Density Electronics:** Provides flexible cooling architectures for demanding electronic systems.

Competitive Advantage

- Patented biomimetic and nano-engineered surfaces improve atmospheric moisture condensation.
- Produces drinking water without groundwater or municipal water connections.
- Eight-stage purification and mineralization process designed to meet WHO/BIS drinking-water standards.
- Modular systems from small units to ~3,000 LPD, with potential for solar/off-grid operation.

Product Image



iTNT
TAMILNADU TECHNOLOGY HUB

ENTERPRISE TECH & SaaS



White Mastery Systems

Founded in	Location	Employees
2016	**Chennai**	**17**

Team



Rian Ozal Hussain
Founder & MD

Leads the company's technology and business direction, with a focus on digital products, software development and technology-led business solutions.



Anselm Vineet
COO

With experience in technology services, business operations, client management and digital transformation. He has also co-founded Yourstore and HabblePay, and holds degrees from Kaunas University of Technology.

whitemastery.com

sales@whitemastery.com

WHITE MASTERY

Always-on AI chatbot and voice bot for customer engagement and sales.

Brief

White Mastery Systems develops Tring AI, a conversational AI platform combining chatbot and voice-bot capabilities for customer support, lead generation, sales and marketing automation. The platform supports multilingual, human-like interactions, CRM integration and omni-channel engagement.

Use Cases

- 24×7 customer support and automated inbound/outbound calls.
- Lead generation, qualification, follow-ups and sales automation.
- Customer engagement across websites, apps, social media and messaging platforms.

Tech Domain	Fund Raised
Conversational AI/SaaS	Bootstrapped
TRL Stage	**Startup Stage**
TRL 9	Growth

Product

White Mastery develops a portfolio of digital products combining AI, web technologies and IoT to improve customer engagement and business operations. Its key products include:

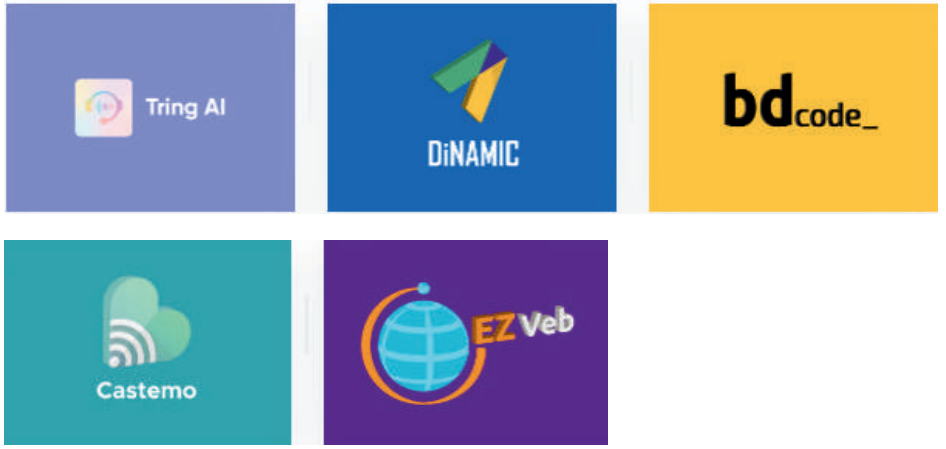
- **Tring AI:** AI chatbot and voice-bot platform for customer support, sales and lead generation.
- **bdcode_:** Web design and technology platform for websites and custom digital applications.
- **DiNAMIC:** IoT platform enabling digital interaction with physical spaces, including restaurant ordering and operations.

Clients

Competitive Advantage

- 24×7 availability and human-like conversational responses.
- Context and intent understanding with personalization and emotional intelligence.
- Multi-language and omni-channel support.
- CRM and 100+ technology integrations.
- Subscription pricing makes the platform accessible from SMEs to enterprises.

Product Image



Anjx Solutions

Founded in	Location	Employees
2024	**Chennai**	**3**

Team



Surendhar N
Founder & CEO

Leading the development of AI-driven supply-chain planning solutions focused on demand forecasting, inventory optimisation and production planning.



Kaaviya Shankar
Co-Founder & CSO

Bringing over nine years of experience in enterprise technology sales, strategic business development, cloud solutions, customer success and product management.

www.anjx.in

info@anjx.in

Enterprise-grade AI supply chain planning, built for mid-sized manufacturers

Brief

AnjX Solutions develops AI-powered software for supply-chain planning & decision-making. Mid-sized manufacturers routinely face 25–50% forecast error and lose 10–15% of inventory value to obsolescence. AnjX's Cognitive Engine tackles this by combining demand forecasting, inventory optimisation and production scheduling with scenario simulation, and turns the results into clear planning decisions. Built for MSMEs on a subscription model, it is being piloted for spare-parts management at Bajaj dealerships.

Use Cases

- **Demand Forecasting:** Predicts future demand using AI/ML-based forecasting.
- **Inventory Optimisation:** Helps maintain appropriate inventory levels while balancing service levels and working capital.
- **Production Planning:** Optimises production schedules based on demand, machine capacity, manpower and material availability

Tech Domain	Fund Raised
AI/ML	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 7	Pre-Revenue

Product

AnjX Cognitive Engine is an AI-powered supply chain planning platform designed for manufacturing SMEs, particularly automotive and electronics businesses. It combines forecasting, inventory optimisation, production planning and operational intelligence to support faster and more accurate decision-making.

- **Cognitive Engine:** AI/ML forecasting combined with optimisation models that recommend stock levels, reorder points and production plans
- **Planning Modules:** demand forecasting, inventory optimisation, production scheduling, order management and ERP-linked planning in one workspace
- **Scenario Simulation:** tests the impact of demand shifts, lead-time changes and plan revisions before they hit the shop floor

Competitive Advantage

- Built for MSMEs, with subscription pricing and quick implementation. Global planning suites are usually priced and scoped for large enterprises
- AI-Based Forecasting: Uses AI models to support more data-driven supply-chain decisions.
- Operational Optimisation: Helps businesses align production and inventory with changing demand.
- Enterprise Focus: Addresses complex planning requirements across industrial supply chains.

Product Image



Iniram Square

Founded in	Location	Employees
2023	**Kanniyakumari**	**6**

Team



Anton Richards
Founder & Chairman

Leading the development of AI-powered business automation tools designed to help startups and MSMEs streamline operations, customer engagement and business-growth activities.



Cruz Stani Thanis
Co-Founder & CMO

Leads marketing and customer growth, bringing corporate experience from ADNOC Group and Schlumberger.

www.iniramsqaure.com

antonrichards@iniramsquare.com

Iniram^square

AI-powered business automation platform for startups and MSMEs.

Brief

Iniramsquare develops Admini, an AI-powered business automation ecosystem designed for startups and MSMEs. The platform brings together task management, AI assistance, social-media management, lead nurturing, business workflows and productivity tools in a unified environment. Its broader vision is to help small businesses automate routine work and access structured support throughout their growth journey.

Use Cases

- Automates administrative and repetitive business tasks for MSMEs.
- Helps businesses manage social-media activities and customer leads.
- Provides AI-assisted task management, communication and productivity tools.

Tech Domain	Fund Raised
AI/ML	Bootstrapped
TRL Stage	**Startup Stage**
TRL 4	Prototype

Product

Admini is an AI-powered business automation platform designed for startups and MSMEs, combining intelligent assistance, task management, customer engagement and business workflows into a single ecosystem. The platform is accessible through mobile applications and supports voice-enabled interaction, helping small businesses automate routine activities and manage day-to-day operations more efficiently.

- **AI Business Assistant:** Provides AI-powered assistance for tasks, communication, productivity and business activities.
- **Task & Workflow Management**: Enables users to create, prioritise, track and manage business tasks and workflows.
- **Social & Lead Automation:** Supports social-media management and lead nurturing through integrated business communication tools.

Competitive Advantage

- All-in-One Platform: Combines business automation, task management, communication and customer engagement.
- AI-Enabled Operations: Uses AI to reduce repetitive administrative work.
- MSME Focus: Designed around the operational needs of small businesses and startups.
- Integrated Engagement: Combines social-media and lead-management capabilities within the same ecosystem.

Product Image



Black Dart Labs

Founded in	Location	Employees
2025	**Chennai**	**4**

Team



Yasar Arafath
Founder & MD

a software architect and AI systems entrepreneur with 13+ years of experience. Built and scaled 10+ Products across gaming, fintech, healthcare, Web3, and mobility. Reduced enterprise delivery cycles by 85+ without rewrites.



Syed Sheik Ibrahim
Technical Lead

7+ years building production interfaces where AI, real-time data, and users meet. Focuses on structure, performance, and composability for long term growth.

www.blackdart.in

Yasar@blackdart.ai

BLACK DART

AI-powered software development engine for building customised, production-ready business applications.

Brief

Blackdart Labs develops an AI-powered software engineering platform that converts business requirements into customised, production-ready applications. Its proprietary Black Dart Framework™ uses specialised AI agents for business analysis, architecture, coding, testing and deployment, enabling startups, SMEs and enterprises to build tailored software faster than conventional development approaches.

Use Cases

- Custom business workflow and enterprise applications
- ERP, fleet and operational management systems
- AI-powered SaaS and e-commerce platforms

Tech Domain	Fund Raised
AI/ML	NA
TRL Stage	**Startup Stage**
TRL 8	Revenue

Product

Blackdart's core product is an AI-native software development engine built around the Black Dart Framework™, converting requirements into production-ready applications through coordinated AI engineering agents.

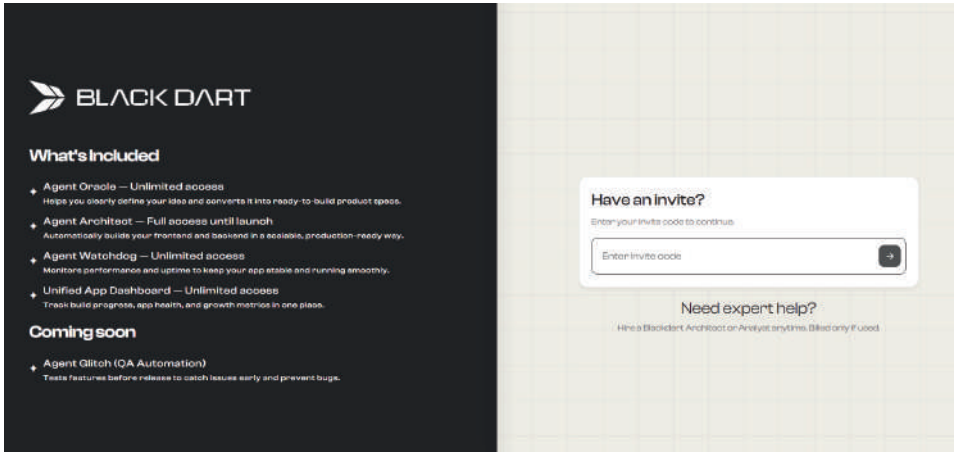
- **Black Dart Framework™:** Generates customised front-end and back-end software.
- **Multi-Agent Engine:** Business Analyst, Architect, QA and DevOps agents collaborate across the development lifecycle.
- **Deployment Platform:** Supports testing, deployment, scaling, monitoring and ongoing software maintenance.

Clients

Competitive Advantage

- Converts business requirements directly into customised production software rather than generic templates.
- Uses specialised AI agents across requirements, architecture, development, QA and DevOps.
- Claims up to 85% faster delivery compared with traditional development approaches.
- Combines custom software development with predictable SaaS-style pricing and ongoing infrastructure management.

Product Image



Alfatract Nexus

Founded in	Location	Employees
2025	**Chennai**	**2**

Team



Prasanna P.J.
Founder

IIMA alumnus with 22 years of experience across sales leadership at Shell, TotalEnergies and L&T, with experience supporting technology startups in strategic sales.



Bhooshitha
Co-Founder

Healthcare and nutrition professional with 12+ years of experience in consultative sales and freelancing, with a focus on healthcare, hospitality, arts and music talent markets.

www.alfatract.com

prasannapuliyadi@gmail.com

Alfatract

AI-powered talent marketplace for flexible work

Brief

Alfatract is building an AI-powered Flexijob platform designed to help businesses access flexible talent while enabling professionals to build a portfolio of contract-based work. Rather than functioning as a conventional talent-matching platform, Alfatract analyses talent data, business requirements and operational needs to recommend suitable Flexijobs and support delivery throughout the engagement.

Use Cases

- Flexible Workforce – Businesses access talent based on operational requirements rather than maintaining surplus or shortage of manpower.
- Portfolio Careers – Professionals build diversified portfolios of Flexijobs instead of depending solely on full-time employment.
- Continuous Reskilling – AI-driven recommendations help talent remain relevant to changing market requirements.

Tech Domain	Fund Raised
HR Tech	NA
TRL Stage	**Startup Stage**
TRL 5	MVP

Product

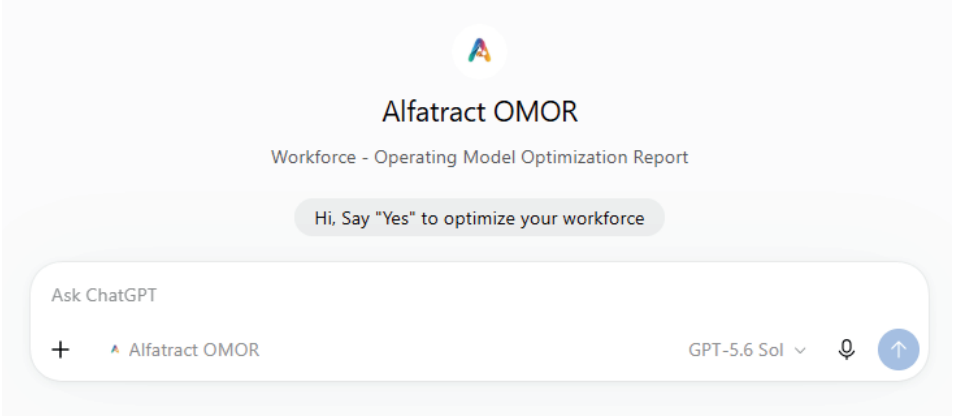
Alfatract Flexijob Platform – AI-enabled marketplace and lifecycle management platform connecting businesses with flexible talent.

- AI Talent Recommendations – Matches talent to Flexijobs based on business requirements and talent data.
- Flexijob Lifecycle Management – Supports company and talent profile creation, job creation, delivery, proof of delivery and payment workflows.
- Operating Model Optimization Reports – Helps businesses identify manpower requirements and optimize their operating model.

Competitive Advantage

- Talent-centric model focused on building sustainable portfolios of Flexijobs rather than one-off freelance matching.
- AI-driven business-side optimization through Operating Model Optimization Reports.
- End-to-end Flexijob lifecycle management, including delivery and proof-of-delivery mechanisms.
- Reskilling + loyalty layer designed to improve talent relevance and delivery reliability.

Product Image



Zaifi Business Solutions

Founded in	Location	Employees
2024	**Chennai**	**7**

Team



Rishi Bharathi
Founder & CEO

AI and EdTech entrepreneur leading product vision and go-to-market for AI-driven evaluation and mentoring tools, built for coaching institutes and competitive-exam aspirants.



Balaji
Co-founder & CTO

Technology leader driving InzightEd's AI analytics engine, including its curriculum knowledge graph, LLM-based evaluation pipeline, drill-through dashboards and doubt-clarification chatbot.

www.inzighted.com

contact@zai-fi.com

ZAI-Fi

Personalised AI mentorship for India's future doctors.

Brief

Most NEET aspirants get only a score and rank after a mock test, with no insight into which concepts they are getting wrong or why. Zaifi's InzightEd is an AI-powered platform that diagnoses mistakes at concept level and builds a learning profile with every test. A curriculum knowledge graph, graph neural networks and retrieval-augmented LLMs power the analysis, so students get clear, personalised guidance on what to study next.

Use Cases

- **Coaching Institutes:** NEET test series with topic-wise performance analysis and targeted revision plans.
- **NEET UG Aspirants:** Mock tests that identify weak areas and guide focused preparation.
- **Tier II & III Students:** Structured test practice and mentoring without relocating.
- **NEET PG Aspirants:** Continued learning with their UG performance history and insights.

Tech Domain	Fund Raised
AI / EdTech	Bootstrapped
TRL Stage	**Startup Stage**
TRL 8	Early Revenue

Product

Zaifi's InzightEd is an AI-powered assessment analytics platform that converts test responses into concept-level performance insights for coaching institutes and exam aspirants.

- **Assessment Analytics:** Analyses question papers, answer keys and OMR responses to identify rankings, mistakes and concept-level gaps.
- **Performance Dashboard**: Provides subject- topic- and sub-topic-level analytics with performance tracking across tests.
- **Personalised Guidance:** Generates student-wise SWOT analysis and recommends areas for improvement and next topics to study.
- **AI Chatbot:** Uses an LLM-powered assistant to answer learner queries and explain performance gaps.

Clients

ANNANAGAR SMART LEARNING CENTRE
NEET | IIT-JEE | NIFT | FOUNDATION

EDUTEL ACADEMY
NEET | IIT-JEE

Competitive Advantage

- The platform helps coaching institutes conduct NEET test series and generate topic-wise performance insights for targeted revision.
- It enables NEET UG aspirants to identify weak concepts through mock tests and focus their preparation accordingly.
- It provides structured test practice and mentoring for students in Tier II and Tier III cities.
- It supports NEET PG aspirants by carrying forward their learning history and performance insights from UG preparation.

Product Image



Tesys

Founded in	Location	Employees
2021	**Chennai**	**20**

Team



Gopal Miriyalu
Founder & CEO

Electrical Engineer with a Master's from the University of Leicester, UK, and experience across leading engineering firms in India, the UK, South Africa, and Dubai. Worked on JET, a last-mile delivery and ride-hailing app, and currently leads TeSys's AI-controlled pole-switching motor development.



Amirtha
Co-Founder

Automotive testing and engineering leader with 4+ years of experience.

www.justeverything.app contact@justeverything.app

TeSys

Electronic torque multiplication for next-generation cargo and utility EVs.

Brief

TeSys is developing V-PAS (Variable Pole Adaptive System), a magnet-free pole-switching induction motor that adapts between 8, 6 and 4 poles to optimise torque and efficiency across launch, city driving and cruising. An AI-assisted controller enables torque optimisation and thermal prediction, addressing the performance challenges of cargo and utility EVs in stop-go urban conditions.

Use Cases

- Better loaded starts and hill-climb for delivery vehicles.
- More payload capability without oversizing the motor.
- Better uptime and lower lifecycle cost.
- A drivetrain platform for last-mile EV logistics in Indian conditions.

Tech Domain	Fund Raised
Electric Mobility	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 3	Prototype

Product

V-PAS is a full-stack drivetrain platform. The motor changes its pole configuration to give high torque at launch and efficiency at speed, with no mechanical gearbox. It has five parts:

- **Pole-switching motor architecture:** a magnet-free induction motor that reconfigures its poles.
- **Smart controller:** current reconfiguration and switching logic, aimed at seamless transitions without torque loss.
- **Battery and thermal validation system:** to check performance under load.
- **Vehicle simulation:** modelled on real duty cycles, using MATLAB/Simulink, ANSYS and Motor-CAD.
- **AI optimisation layer:** torque maps and switching intelligence.

Competitive Advantage

- TeSys uses pole switching to deliver gearbox-like torque without a mechanical gearbox.
- Its magnet-free induction motor eliminates dependence on rare-earth materials.
- Higher launch torque enables smaller, lower-cost motors.
- The system targets around 85 Nm launch torque in 8-pole mode.
- Motor, controller, thermal validation and AI optimisation are developed as an integrated system.
- The team brings 20+ years of automotive testing expertise, including HiL, ADAS and NVH.

Concept Illustration



Zatom Technologies

Founded in	Location	Employees
2026	**Chennai**	**3**

Team



Venkat Ganesh
Co-Founder

AI infrastructure and product leader focused on building deployment systems for edge, on-premise and distributed environments, with expertise in AI deployment, observability, reliability and scalable infrastructure.

www.zatom.io

contact@zatom.io

ZATOM

The infrastructure layer for deploying, monitoring and operating AI on physical devices at scale.

Brief

Zatom's Nexus – Physical Operations Intelligence Platform is a hardware-agnostic platform that enables organisations to deploy, monitor, manage and update AI models across distributed devices. It supports safe rollback and auto-recovery and can operate in cloud, hybrid or offline environments, helping organisations reliably manage AI-powered machines in real-world conditions.

Use Cases

- **Edge AI companies:** Remotely manage models and resolve failures in smart cameras, robots and drones.
- **Distributed enterprises:** Manage AI deployments across factories, logistics, retail and smart-city sites.
- **Robotics & autonomous vehicles:** Enable continuous model updates and fleet monitoring

Tech Domain	Fund Raised
Edge AI Infrastructure	NA
TRL Stage	**Startup Stage**
TRL 4	Prototype

Product

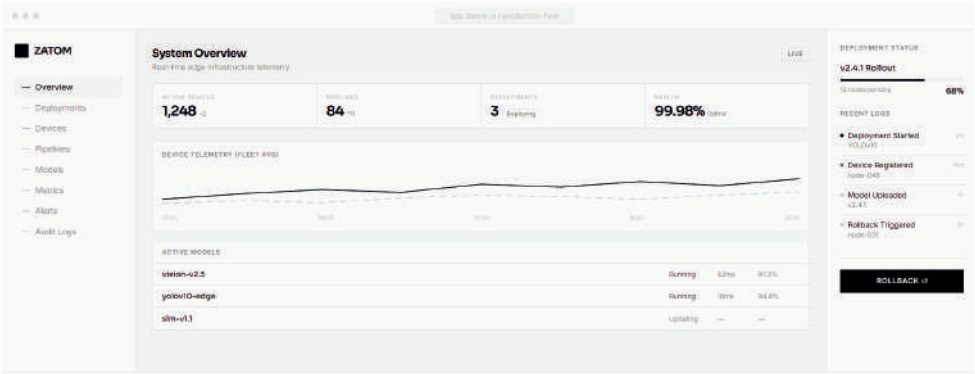
Nexus is a fleet-operations platform for AI on edge devices. It has five parts:

- **Edge Agent:** a lightweight Rust binary on each device that runs models, monitors health, stores metrics in a local offline queue and auto-recovers from failures.
- **Cloud Control Plane:** central orchestration, commands and fleet-wide visibility.
- **Deployment Engine:** secure over-the-air updates with versioning and automatic rollback of broken releases.
- **Monitoring Layer:** real-time metrics, health tracking and performance logs.
- **Model Registry:** store, manage and distribute models (ONNX and GGUF formats) to devices globally.

Competitive Advantage

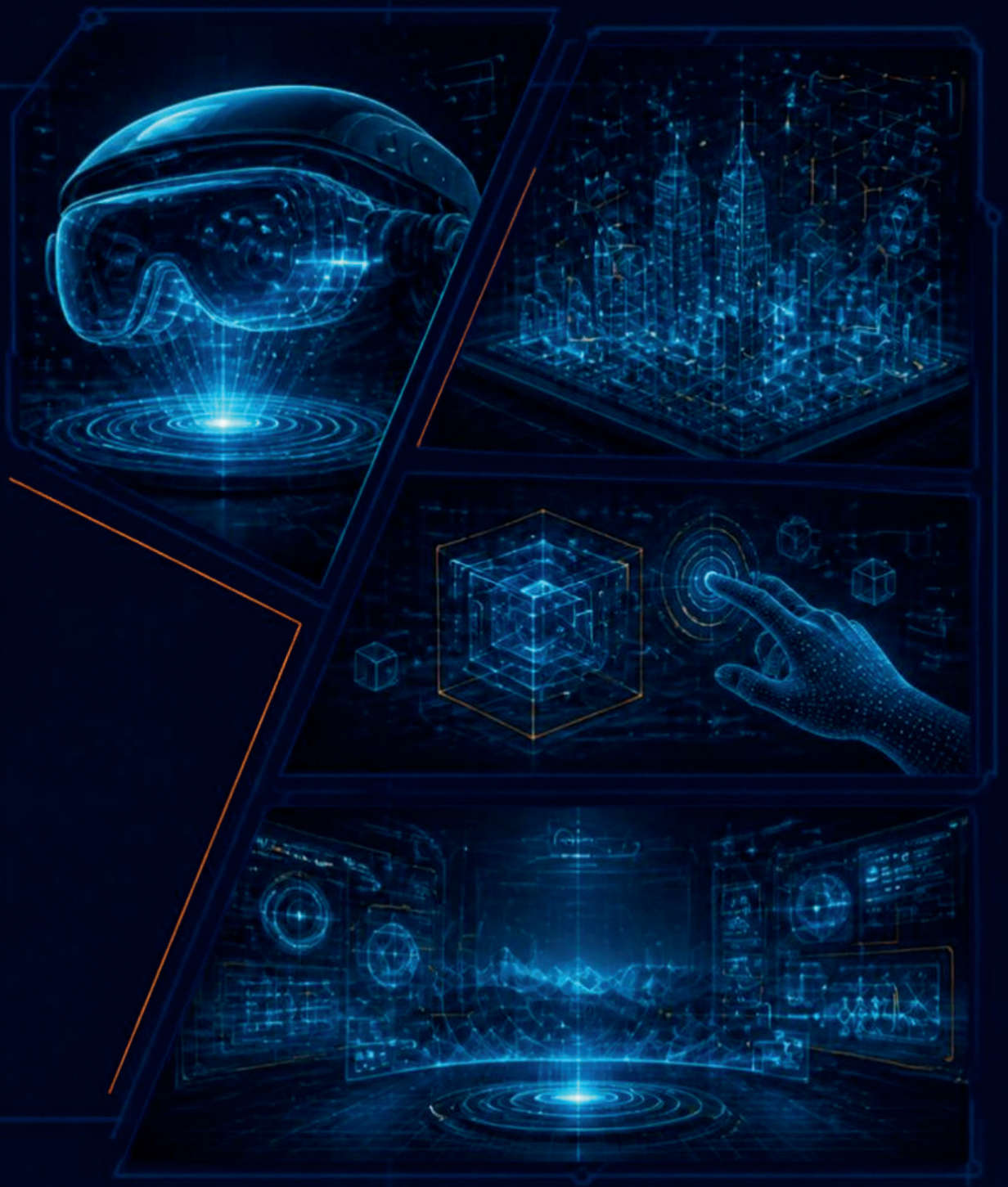
- Nexus is designed for AI-enabled devices operating in real-world and low-connectivity environments.
- It provides end-to-end management for deploying, monitoring, updating and recovering AI models.
- The platform is hardware-agnostic, enabling deployment across different chips and vendors.
- It supports cloud, hybrid and fully offline operations.
- Secure OTA updates with version control and automatic rollback improve operational safety.

Product Image



iTNT
TAMILNADU TECHNOLOGY HUB

AR/VR/XR



Exomudra Technologies

Founded in	Location	Employees
2023	**Chennai**	**3**

Team



Ragavendra Yarasi
Founder & CEO

Working on the development of wearable human-machine interfaces and gesture-based interaction technologies. He is listed as a director of Exomudra Technologies Private Limited.

www.exmoudra.com

contact@exomudra.com

Smart rehabilitation gloves enabling gesture-based human-machine interaction.

Brief

Exomudra Technologies develops wearable smart gloves for rehabilitation and human-machine interaction. Its technology captures hand and finger movements and translates them into digital inputs, enabling applications in stroke recovery, assistive technology, robotics and gesture-based control. The company focuses on creating intuitive wearable interfaces that connect physical hand movements with digital systems and machines.

Use Cases

- **Rehabilitation:** Supports finger-strengthening exercises and tracks range of motion and force data.
- **Sign Language:** Enables real-time gesture-to-text communication.
- **AR/VR & Digital Control:** Provides natural gesture and haptic interaction with digital environments and devices.

Tech Domain	Fund Raised
HMI/Wearables	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 4	Prototype

Product

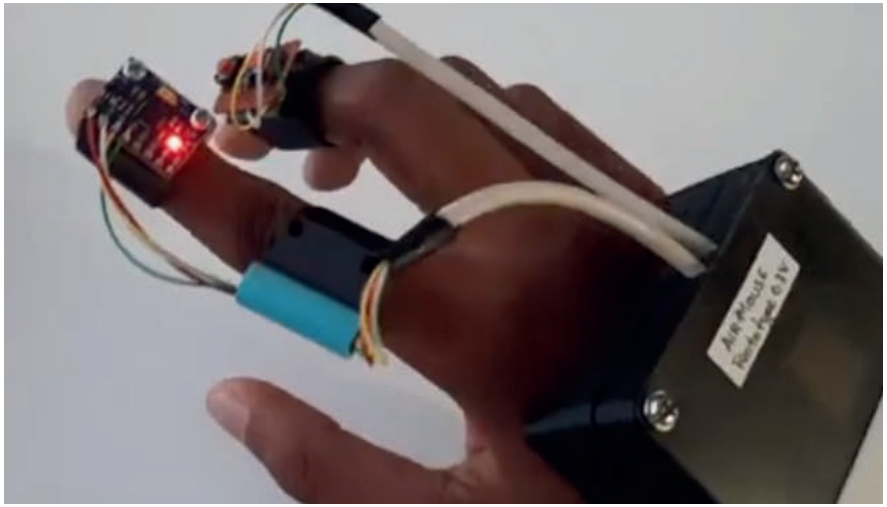
Exomudra develops wireless smart gloves that translate natural hand gestures into digital commands, combining precision sensing with low-latency connectivity and optional force feedback.

- **Exomudra Beacon:** Gesture-tracking glove designed for communication, accessibility and digital-device control.
- **Exomudra Forge:** Advanced glove adding per-finger force feedback, haptic interaction and programmable resistance for rehabilitation and immersive applications.
- **Exomudra Platform:** Software ecosystem supporting rehabilitation programmes, sign-language tools, games and other applications, alongside the Configurator for universal device mapping.

Competitive Advantage

- Fully mobile solution: Self-contained glove with no external trackers or cameras cutting setup time and costs.
- Cross-Platform Compatibility: Seamlessly connects with mobile devices, PCs, and gaming consoles, with full integration support for Unity, Unreal Engine, and SteamVR.
- Affordable Innovation: Gesture-based input at 2x–5x lower cost than competitors—bringing innovation to more users.

Product Image



bHaptics Sense Glove MediTouch

Tactovision

Founded in	Location	Employees
2024	**Coimbatore**	**2+**

Team



Dr. D. Kavitha
Director

Leads Tactovision's overall direction and initiatives related to product development.



Ravindran
Co-Founder

Brings mechanical engineering expertise and oversees administrative functions, contributing to the development of Tactovision's Braille Mouse.

www.tactovision.com

kavitha.ravindran2@gmail.com

TACTOVISION

A low-cost, portable Braille mouse that lets visually impaired students read digital content by touch.

Brief

Tactovision's Braille Mouse is a low-cost, compact device that converts on-screen text into Braille in real time. Designed for Indian users, it supports Tamil and multiple languages, works alongside screen readers, and aims to make Braille learning more accessible at a target price of ₹4,000–₹4,999.

Use Cases

- Schools and Colleges: Enables visually impaired students to read textbooks and study materials in Braille.
- NGOs and Rehabilitation Centres: Supports affordable Braille literacy and training programmes.
- Government Schemes: Enables device distribution through accessibility and welfare programmes.
- Individual Users: Provides portable Braille access at home, work and on the move.

Tech Domain	Fund Raised
Assistive Tech	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 4	POC

Product

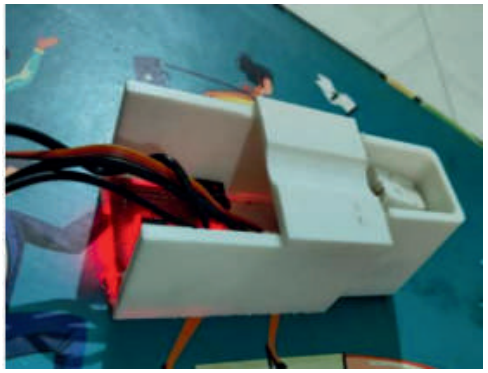
The Braille Mouse is a mouse-shaped reading device. As the user moves it over digital text, the tactile cells raise dots for each character so they can read through touch.

- **Real-time Braille translation:** On-screen text becomes tactile output with no lag, so a student can read lecture notes or exam material directly.
- **Screen-reader compatible:** It complements audio tools, so users keep Braille literacy alongside audio.
- **Multilingual support:** Language packs are delivered through a mobile app, with Tamil text-to-speech and Braille translation logic in development.
- **Built for production**: A 3D-printed enclosure keeps unit cost low and supports small-batch production.

Competitive Advantage

- The Braille Mouse offers a low-cost alternative to conventional refreshable Braille displays, with a target price of ₹4,000–₹4,999.
- Its compact and lightweight design makes it more portable and convenient than traditional bulky Braille devices.
- The device has a patent-pending design under Indian provisional patent application No. 202441080833.
- It supports Tamil and other regional languages, making it relevant for Indian users.
- The product has been tested with 20 users, with beta units deployed in Tamil Nadu schools and colleges.

Product Image





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TAMILNADU TECHNOLOGY HUB

DEFENCE & MARINE TECH



Seaconvoy Systems

Founded in	Location	Employees
2021	**Chennai**	**8**

Team



Naga Venkata Rakesh
Founder & CEO

MS from IIT Madras with 12 years of experience in ship design, hydrodynamic testing, amphibious defence platforms and offshore structures.



Dr. Awanish
Co-Founder & Director

PhD from IIT Madras with 10 years of experience in control systems, instrumentation, sensor fusion and telemetry.

www.seaconvoy.co.in

rakesh.nnv@seaconvoy.co.in

SEACONVOY
SYSTEMS ENGINEERING
PRIVATE LIMITED

Autonomous marine platforms for data-driven survey, surveillance & research operations

Brief

Seaconvoy develops autonomous surface vehicles and marine systems for survey, surveillance and research. Its platforms combine mission-specific hulls, waterjet propulsion, sensors, RTK-enabled navigation and indigenous autopilot systems. The company also provides marine engineering, hydrodynamic testing and marine subsystem development, while building a Hardware-as-a-Service model for civilian, industrial and defence applications.

Use Cases

- Autonomous data collection for bathymetry and precision mapping across ports, harbours and inland waterways.
- Unmanned platforms for coastal-water surveillance, hydrographic surveys and tactical marine operations.
- Autonomous surface vehicles, ship models and testing systems for hydrodynamic research, sensor development and navigation.

Tech Domain	Fund Raised
Marine Robotics	Not Publicly Disclosed
TRL Stage	**Startup Stage**
TRL 7	Pilot

Product

Seaconvoy develops autonomous marine platforms and specialised subsystems combining propulsion, sensing, navigation and control technologies.

- **Autonomous Surface Vehicle** – Mission-specific unmanned platform for survey, surveillance and marine research.
- **Waterjet Propulsion System** – High-power-density propulsion designed for autonomous platforms operating in extremely shallow waters.
- **Autonomous Navigation & Control** – In-house control hardware and autopilot systems supporting navigation, collision avoidance, cooperative control and RTK-enabled positioning.
- **Marine Subsystems & Engineering** – Propulsion, sensors, control systems, hydrodynamic model testing and other engineering solutions for marine platforms.

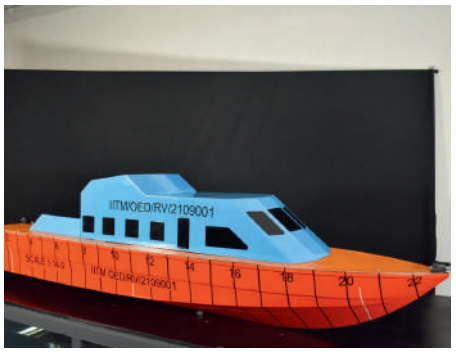
Clients

Competitive Advantage

- High-performance carbon-composite hull designs, control electronics & autopilot tailored to specific marine missions.
- Waterjet propulsion designed for operation in extremely shallow waters
- RTK-enabled navigation targeting centimetre-level position accuracy.
- Proprietary control hardware and autopilot capabilities reduce dependence on external core technologies.

Product Image







Unmanned Tachyon

Founded in	Location	Employees
2023	**Chennai**	**2**

Team



Kasim
Co-Founder & CEO

19+ years of experience in IT & Operations, Cybersecurity, Infrastructure, Networking, Supply Chain and Manufacturing, with expertise in technology management and end-to-end business operations.

www.tachyonindustriez.com "kiren@tachyonindustriez.com

TACHYON INDUSTRIES

Autonomous surface vessels with built-in collision-avoidance braking

Brief

Tachyon Industries is developing high-speed unmanned surface vessels (USVs) for defence and commercial maritime applications, featuring a patent-filed drogue-assisted emergency braking system for rapid deceleration. Its AI-enabled, vessel-agnostic platform supports cargo, patrol and surveillance missions, including tethered-aerostat applications.

Use Cases

- **Maritime Surveillance:** Monitoring coastal waters and enforcing fishing regulations.
- **Coastal Security:** Supporting patrol, defence, and threat detection.
- **Autonomous Cargo:** Transporting goods to remote coastal locations without a crew.
- **Collision Prevention:** Preventing collisions involving boats, cargo ships, and tankers.

Tech Domain	Fund Raised
Autonomous Maritime Systems	₹0.25Cr (Pre-Seed)
TRL Stage	**Startup Stage**
TRL 4	Prototype

Product

Tachyon is developing unmanned vessels and a ship-braking system that work together, so a vessel can stop quickly when a collision risk is detected.

- **Autonomous Cargo USV:** 9–13 tonne hybrid hydrofoil vessel; 35-knot cruise speed, 500 km range, and 1-container capacity. Prototype targeted for 2026.
- **Emergency Braking System:** Sensor-driven collision detection deploys a drogue for rapid deceleration; validated through simulations and integrated physical prototype testing.
- **USV + Tethered Aerostat:** Self-righting autonomous vessel with a four-point winch system for aerostat deployment, tethering and recovery; operates up to 15 knots with emergency tether release.

Competitive Advantage

- The company has patent-filed IP for rapid deceleration of high-speed vessels.
- Its USV–aerostat combination enables extended maritime surveillance.
- The AI-enabled platform works across different vessels and payloads.
- The solution supports both defence and commercial applications.
- It is an indigenously developed maritime technology solution.

Product Image (Illustrative)



iTNT
TAMILNADU TECHNOLOGY HUB

QUANTUM & CYBERSECURITY



COSGrid Systems

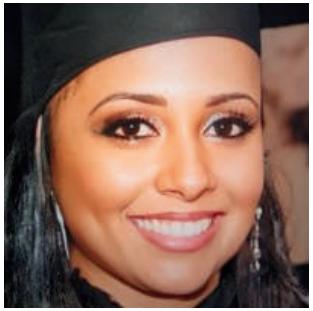
Founded in	Location	Employees
2016	**Chennai**	**14**

Team



Murugavel Muthu
Founder & CEO

With 20+ years of experience across networking, telecom, product management and cybersecurity, including leadership roles at Global Cloud Xchange and Airtel Business.



Betty Williams
Co-Founder & CTO

With 15 years of experience in software development and technology leadership, focusing on the company's cybersecurity and networking product development.

www.cosgrid.com

info@cosgrid.com

COSGrid NETWORKS

Cybersecurity and secure networking solutions powered by SASE, Zero Trust and SD-WAN.

Brief

COSGrid Networks develops cybersecurity and networking solutions for enterprises, government organisations and distributed workforces. Its portfolio combines SASE, Zero Trust Network Access, SD-WAN, Next-Generation Firewall, Network Detection & Response and secure web access. The company focuses on simplifying security management across branch offices, cloud environments, remote users, IoT/OT infrastructure and hybrid networks.

Use Cases

- Secure remote and application access through Zero Trust architecture
- Enterprise branch connectivity using SD-WAN and 4G/5G
- Network threat detection, firewall protection and security monitoring

Tech Domain	Fund Raised
Cybersecurity	USD 50K+
TRL Stage	**Startup Stage**
TRL 9	Growth

Product

COSGrid develops an integrated cybersecurity and networking platform designed to secure users, applications, devices and enterprise networks across on-premise, cloud and hybrid environments. Its portfolio includes:

- **COSGrid Z3 SASE:** Cloud-delivered platform combining SD-WAN, ZTNA, secure web gateway, firewall and AI-driven threat protection.
- **MicroZAccess & SwiftZAccess:** Zero Trust solutions providing identity-based and agentless access to private applications without exposing underlying networks.
- **ReFleX WAN, NetShield & NexusShield:** SD-WAN, network detection and response, and next-generation firewall technologies for secure enterprise connectivity and threat protection.

Clients

The India Cements Ltd, Orange Retail Finance, freecharge, QUBE

Competitive Advantage

- Combines ZTNA, SD-WAN, NGFW, NDR and other security capabilities under a common platform, reducing dependence on multiple standalone security tools.
- COSGrid has a patent covering adaptive multi-path traffic steering, supporting resilient connectivity across multiple network links.
- Its ReFleX platform supports broadband, MPLS, Wi-Fi and 4G/5G connectivity, with intelligent traffic steering and failover.
- Made-in-India cybersecurity stack: COSGrid's SD-WAN and NGFW hardware have received Make in India recognition, while its technologies have been tested at IIT Madras.

Product Image







TruConsent

Founded in	Location	Employees
2025	**Bengaluru**	**8**

Team



Yuvaraj R
Co-Founder & CEO

MBA, IIM Bangalore; previously scaled a firm's revenue 7X in three years and built a cybersecurity business to ₹3 Cr revenue in its first 12 months.



Sairaam V
Co-Founder & CTO

MS Statistics, Arizona State University; 14+ years of AI/ML experience, with product and AI experience across H2O.ai, Deel and Spry.

www.truconsent.io

yuvaraj@truconsent.io

truConsent

AI-powered privacy intelligence for India's DPDPA compliance

Brief

truConsent is an India-focused PrivacyTech and RegTech platform built natively for the Digital Personal Data Protection Act (DPDPA). It brings consent management, Data Principal rights, breach workflows, assessments, data processor management and privacy intelligence into a unified platform, supported by its truAI intelligence layer. Its architecture is designed specifically around Indian privacy requirements rather than adapting GDPR-first workflows.

Use Cases

- entralise privacy workflows, evidence and audit trails across business systems.
- Manage consent collection, withdrawal and Data Principal requests at scale.
- Identify personal data, assess privacy risks and monitor data processors and third parties.

Tech Domain	Fund Raised
PrivacyTech	NA
TRL Stage	**Startup Stage**
TRL 7	Pre-Revenue

Product Brief

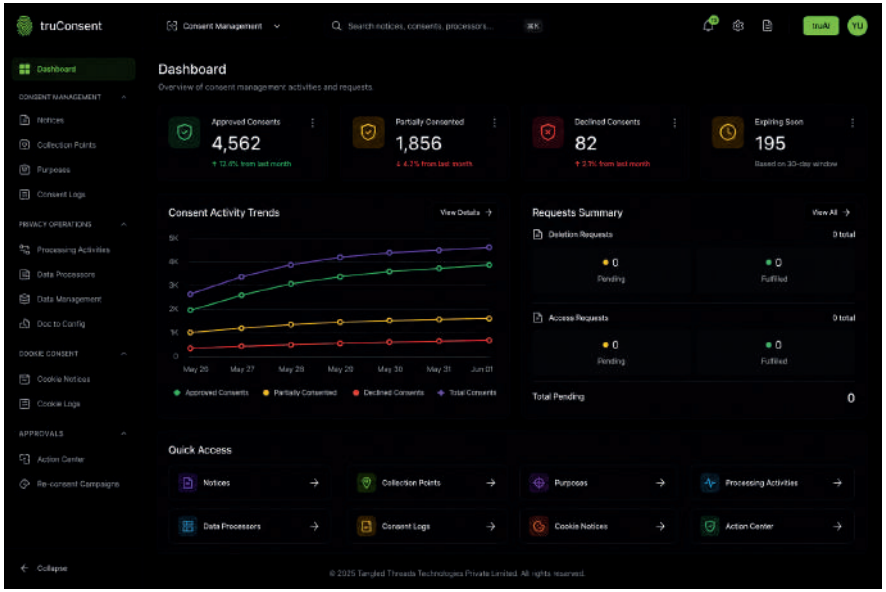
TruConsent Privacy Intelligence Suite is a unified DPDPA compliance platform covering the privacy lifecycle from data discovery and consent to rights fulfilment, assessments and third-party risk.

- DPDP Navigator – Maps personal data across code repositories and data stores using truScanner and truFinder.
- Consent Engine – Manages adult, cookie, parental and differently-abled consents with synchronisation and audit trails.
- Rights & Compliance Centers – Automates Data Principal requests, breach workflows, notifications, policy analysis and grievance-related processes.

Competitive Advantage

- DPDPA-native architecture – Purpose-built around India's DPDPA rather than adapted from GDPR/CCPA frameworks.
- Unified privacy stack – Combines discovery, consent, rights, breach management, assessments and processor management in one platform.
- AI-powered compliance intelligence – truAI provides policy analysis, recommendations, risk insights and privacy workflow intelligence.
- India-specific capabilities – Supports multilingual notices across Indian languages and event-centric immutable audit trails.

Product Image



BugBuster Labs

Founded in	Location	Employees
2024	**Chennai**	**8**

Team



Amalan Mariajohn
Founder & CEO

Amalan Mariajohn brings over 28 years of experience in cybersecurity, offensive security and enterprise risk management. His background includes security engagements involving global enterprises such as CA, McAfee, Verizon, Target and Atlassian.



Arokiapeter
Co-Founder & COO

brings over 25 years of experience in IT leadership, enterprise operations and technology delivery. He oversees platform operations, partnerships, customer delivery and business execution, helping scale the company's cybersecurity solutions.

www.bugbusterslabs.com

amalan.mariajohn@bugbusterslabs.com

AI-powered cybersecurity that identifies vulnerabilities, prioritises threats and strengthens enterprise security.

Brief

Bugbusterslabs develops AI-driven cybersecurity solutions that help organisations identify vulnerabilities, assess security risks and protect digital infrastructure. Its platforms combine automated threat detection, ethical hacking, vulnerability management and security analytics to help enterprises proactively address cyber threats and improve their overall security posture.

Use Cases

- **Vulnerability Detection:** Finds security weaknesses in software and systems.
- **Penetration Testing:** Tests systems for potential cyberattacks.
- **Phishing Awareness:** Trains employees to recognise phishing emails.
- **Attack Surface Monitoring:** Identifies exposed digital assets and security risks.

Tech Domain	Fund Raised
SaaS	INR 4L
TRL Stage	**Startup Stage**
TRL 8	Early Revenue

Product

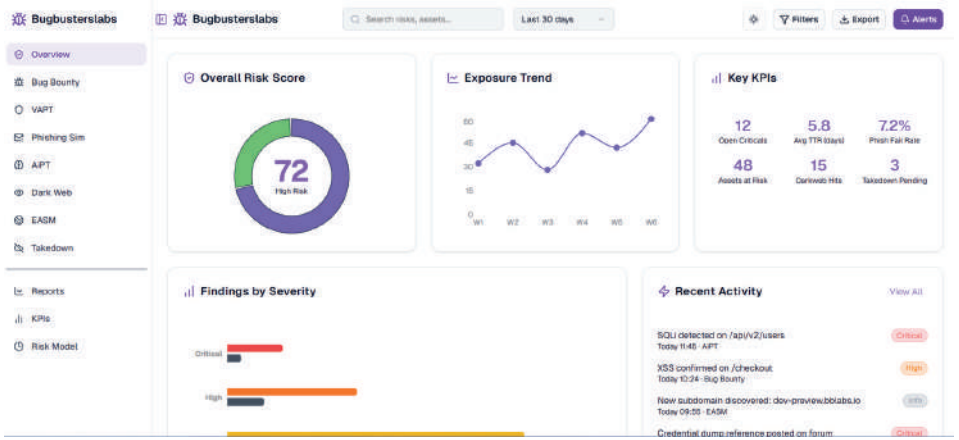
Bugbusterslabs develops AI-powered cybersecurity solutions to identify vulnerabilities, detect threats and strengthen enterprise security. Its product portfolio combines automated security testing, vulnerability management and threat monitoring to help organisations protect digital assets.

- **AI-Powered Analysis:** Identifies and prioritises security vulnerabilities.
- **Automated Testing:** Streamlines security assessments and vulnerability validation.
- **Threat Monitoring:** Tracks security risks across digital assets.
- **Remediation** Support: Helps security teams address identified vulnerabilities.

Competitive Advantage

- Combines expertise across EVs, hydrogen, materials and sustainable energy.
- Integrates engineering R&D with practical product-development capabilities.
- Focuses on emerging technologies with applications in sustainable mobility.
- Supports multidisciplinary development across mechanical, electrical and material engineering.

Product Image



VDP

SecureMinds360™

iTNT

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