



Enabling robust, adaptive, sustainable, trustworthy, and responsible AI and Agents for



Ecommerce



Retail



Supply Chain



Manufacturing



Fast Moving Consumer Goods and Consumer packaged Good



BFSI



Healthcare



Awards



OUR MISSION

As our name suggests, our mission has been to build and deliver **Robust, Adaptive, Sustainable, Trustworthy, and Responsible Artificial intelligence solutions and Services**, by converting **AI research into scalable, enterprise-grade AI systems**, enabling organizations to rapidly **build, deploy, and scale**.

RASTRAI® Pvt Ltd is the **first multiple award winning AI and Deeptech startup** from North East India, founded in Mizoram in 2023, and we now operating from Mizoram and Bengaluru

ABOUT US



Since **2023**, we've been the first AI startup born out of **Mizoram** and also operating from Bengaluru (Bangalore).

Supported by peer-reviewed publications in **IEEE and Springer**, **RASTRAI** converts advanced AI research into scalable and domain-intelligent enterprise solutions. It provides an AI operating environment designed for the enterprise of the future.

We have delivered AI and Generative AI solutions for multiple customers across industries helping these organizations automate operations, improve accuracy, and unlock new business value.

We partner closely with customers to build RASTR-driven AI solutions that deliver real business impact. With RASTR, customers innovate faster, operate smarter, and scale with confidence.



Generative AI Image Analysis and Diagnostics Studio

Email

connect@rastrai.com

Password

.....

Select Mode



Autonomous Mode



Manual Mode

Sign In

[Forgot password?](#)



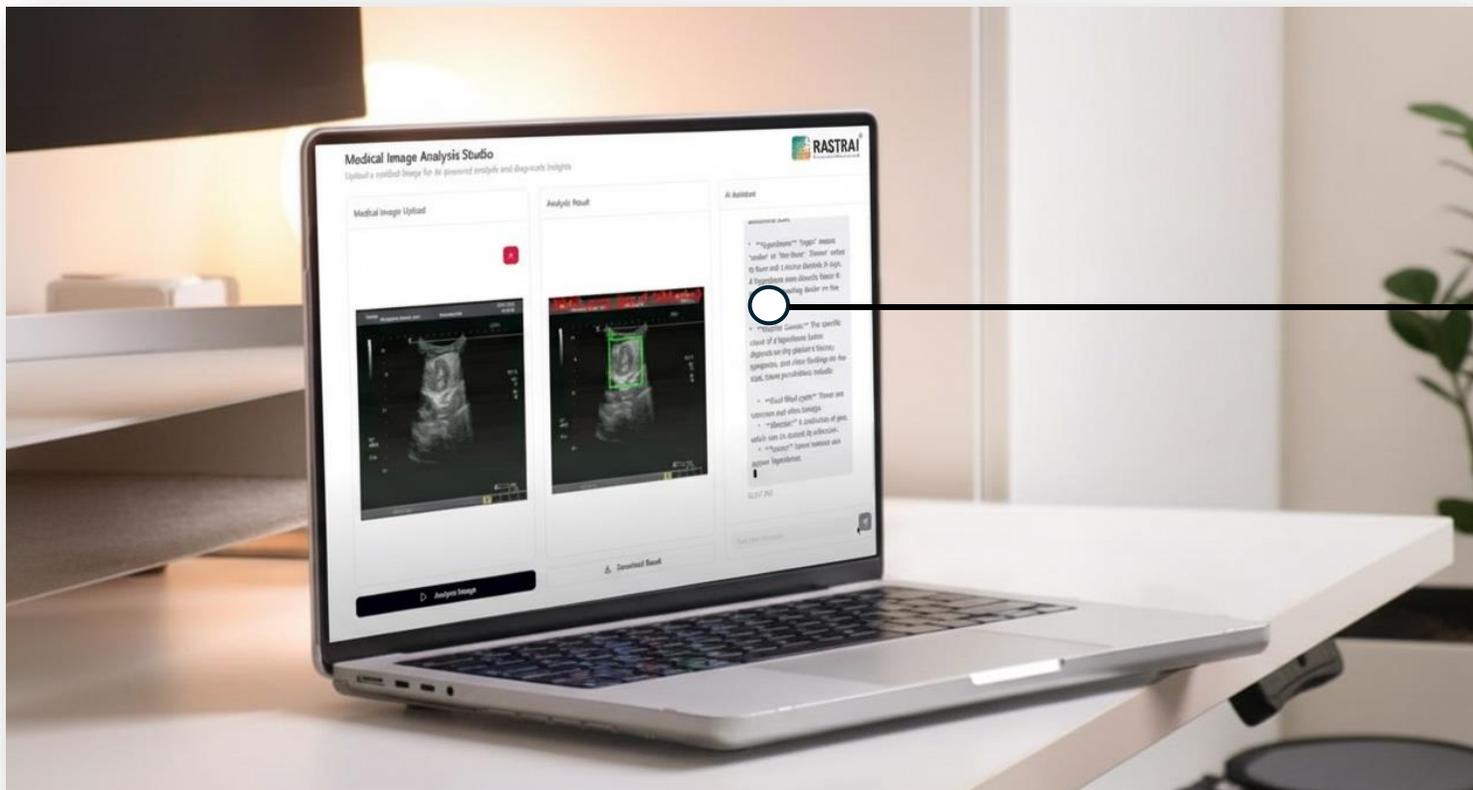
Generative AI Medical Diagnostics Studio

Visit: www.rastrai.com for demo

The Problem we are Solved



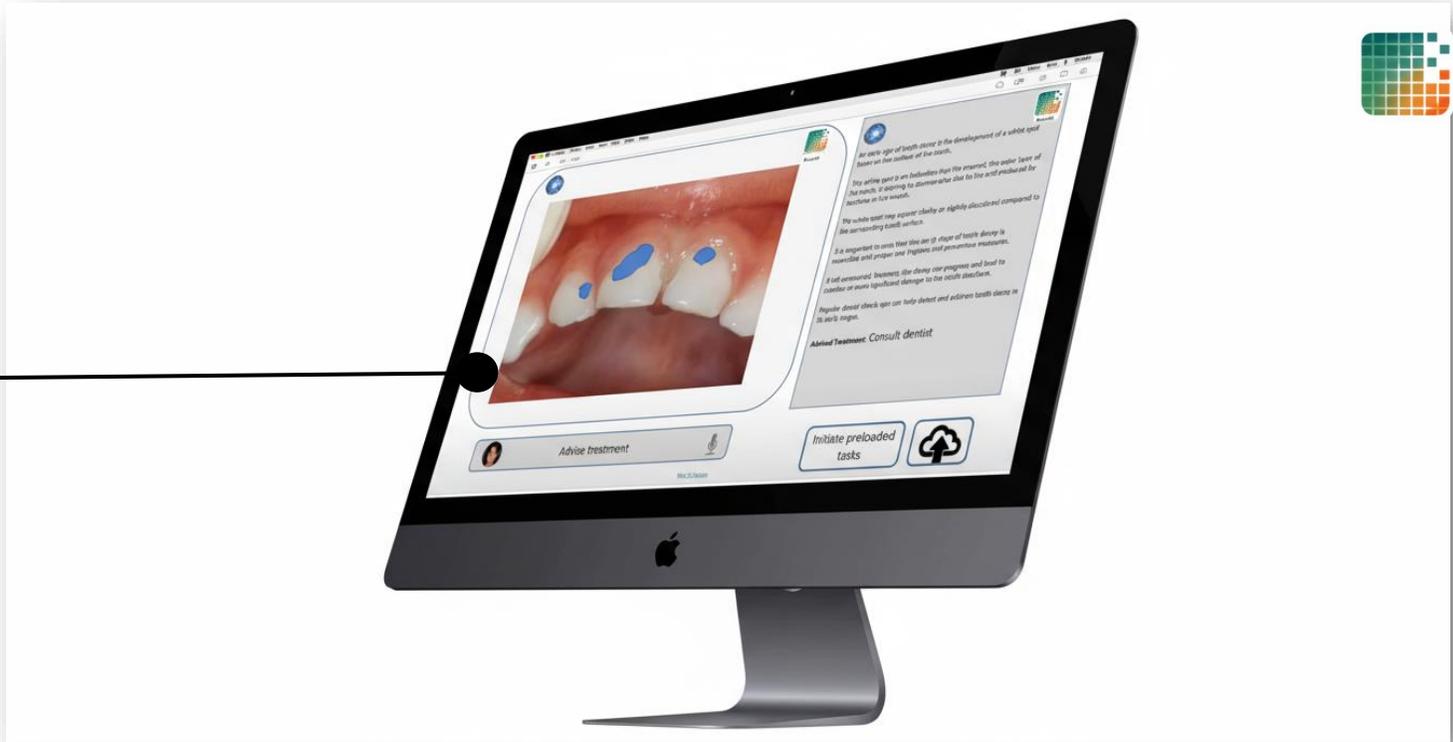
The healthcare industry faces a chronic shortage of radiologists and diagnostic experts, resulting in delayed, inconsistent, and expensive medical analysis—especially in rural and underserved regions. Manual interpretation of MRI, X-ray, and CT scans is time-intensive and prone to human fatigue or error. Additionally, hospitals struggle with fragmented data systems, limited automation, and inefficient workflows that slow down clinical decisions. RastrAI's **Generative AI Medical Diagnostic Studio** addresses these issues by providing a **multi-modal AI platform** capable of analyzing medical images, automating annotation, and generating diagnostic insights in real time. By integrating vision-language models and GenAI-powered assistants, it standardizes diagnostics, reduces human workload, and ensures faster, more accurate patient outcomes. The platform bridges the gap between advanced AI research and everyday clinical use—empowering healthcare providers to deliver high-quality diagnostics affordably and at scale.



Generative AI Medical diagnostics Studio Ultrasound



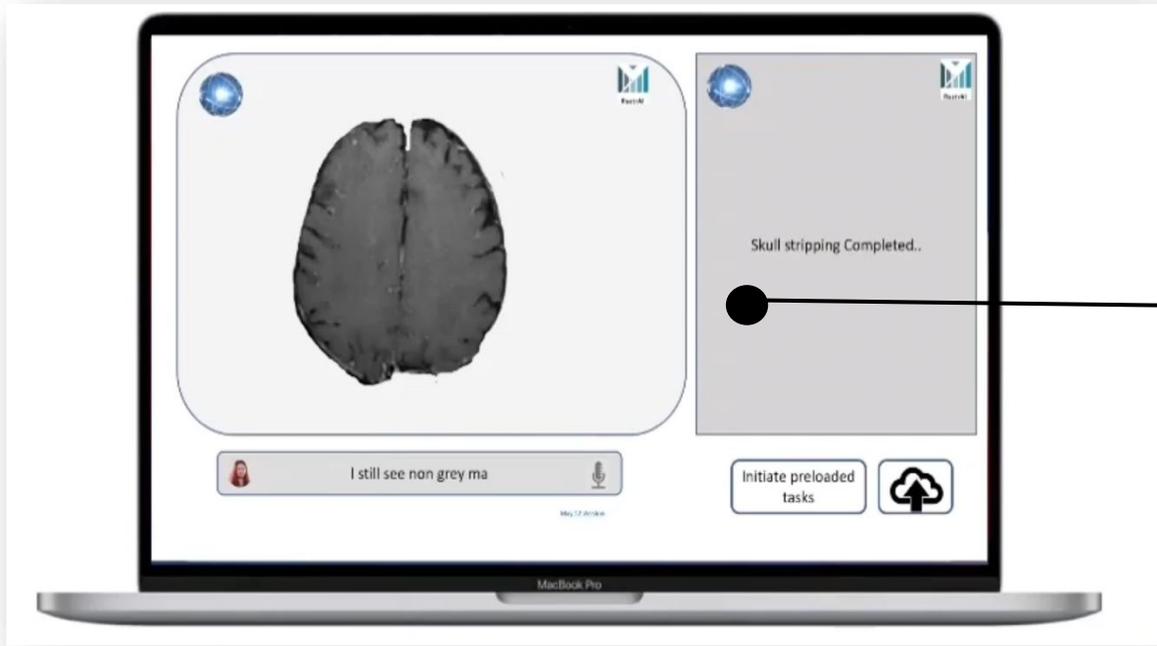
Generative AI Medical diagnostics Studio Dental





Generative AI Medical diagnostics Studio MRI





Generative AI Medical diagnostics Studio
Workflow Automation like skull striping





What it is:

The **Generative AI Medical Diagnostic Studio** by **RastrAI** is a **multi-modal, generative AI platform** that empowers healthcare providers to automate and accelerate diagnostics. Using cutting-edge **vision-language models**, the studio can analyze MRI, X-ray, CT, and dental images, generate structured reports, and assist doctors through an intuitive chat-based interface. Designed for **seamless integration and scalability**, it works as a plug-and-play diagnostic assistant—bringing advanced AI capabilities to hospitals, clinics, and research centers without requiring deep technical expertise.

Why it matters:

- **Drastically reduces diagnostic lead time** through automated image interpretation and report generation.
- **Bridges the radiologist gap** by providing consistent, high-accuracy AI support in regions with limited specialists.
- **Improves clinical efficiency and decision-making** with real-time multimodal analysis and GenAI-powered insights.
- **Accelerates healthcare innovation** by integrating no-code/low-code tools for AI deployment and workflow automation.
- **Enhances accessibility and affordability**, democratizing AI-driven diagnostics for institutions of all sizes.



Our No Code Low Code Generative AI Platform

Visit: www.rastrai.com for demo

A screenshot of the RastrAI login interface. At the top is the RastrAI logo with the tagline 'Rise | Learn | Solve | Transform | Innovate | AI'. Below the logo, the text reads 'Log in to Rastr evolve AI OS' and 'Access your AI platform workspace'. There are two input fields: 'Email' with the value 'connect@rastrai.com' and 'Password' with masked characters. Below the fields is a 'Select Mode' section with two buttons: 'Client Mode' (with a shield icon) and 'Developer Mode' (with a code icon). A large blue 'Sign In' button is at the bottom, with a 'Forgot password?' link below it.

RASTRAI
Rise | Learn | Solve | Transform | Innovate | AI

Log in to Rastr evolve AI OS
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Email
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Select Mode

Client Mode Developer Mode

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Forgot password?

The Problem we are solved



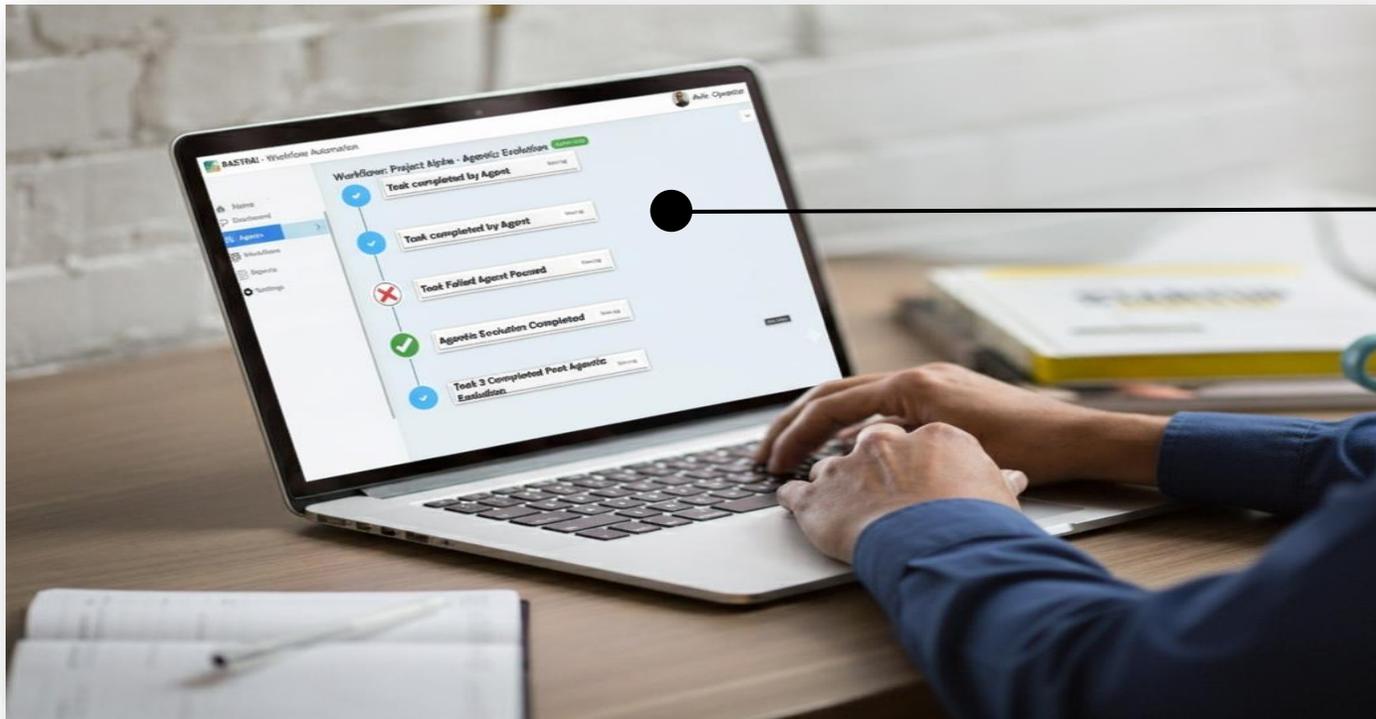
Enterprises today face major barriers in adopting AI due to **fragmented, complex, and costly development processes**. Most organizations must build their AI infrastructure from scratch—integrating disparate models, tools, and data pipelines—which leads to **high lead times for development, slow deployment cycles, and delayed market adoption**. As a result, companies lose competitive advantage and struggle to scale their AI initiatives effectively. Existing AI systems are often **static, narrowly focused, and non-adaptive**, making it difficult to extend automation across multiple departments or evolving business needs. This lack of agility severely limits innovation and return on investment.

As industries accelerate toward digital transformation, enterprises urgently need a solution that enables **rapid AI development, deployment, and adaptation** without deep coding expertise. A **low-code/no-code Agentic Operating System** like R-Evolve empowers organizations to design, deploy, and orchestrate AI agents efficiently—cutting lead times, increasing scalability, and ensuring faster AI adoption.



No Code Low Code Generative AI Platform





Agentic Evolution



RASTRAI[®]

Robust | Adaptive | Sustainable | Trustworthy | Responsible | AI



R-evolve OS – The Future of Enterprise AI



What it is:

R-evolve OS by RastrAI is a No-Code / Low-Code Enterprise Agentic Operating System, designed to revolutionize how organizations deploy AI.

With a chat-based setup, drag-and-drop API orchestration, and an intuitive visual canvas, enterprises can build, connect, and evolve

Intelligent multi agents systems,

Finetuning pipeline ,

Advanced RAG,

MCP, effortlessly — add required Compute for any task , no deep coding required and all in one platform.

Why it matters:

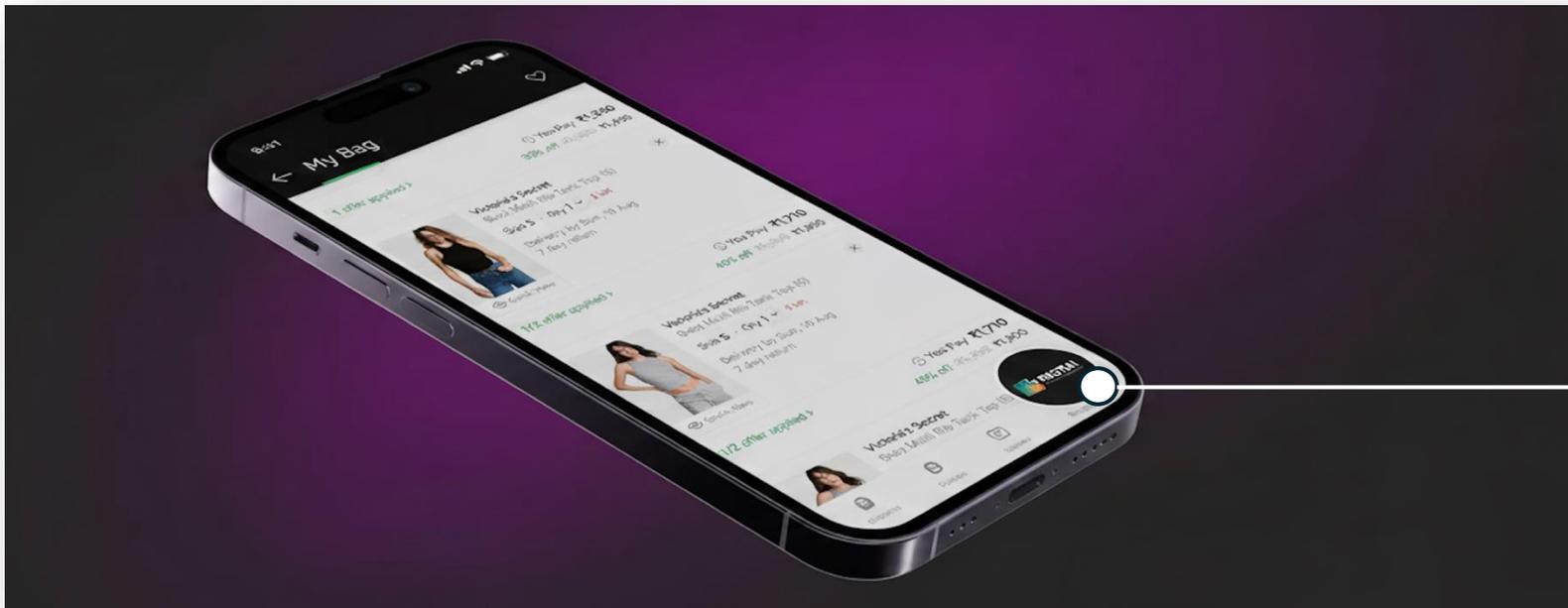
- **Transforms static automation into adaptive AI ecosystems.**
- **Speeds innovation, reduced cycle time , lead time, reduces deployment cost, and simplifies integration.**
- **Enables real-time evolving workflows across business functions.**
- **Democratizes AI development for non-technical teams.**



Other Innovations and Solutions

Visit: www.rastrai.com for solution demos





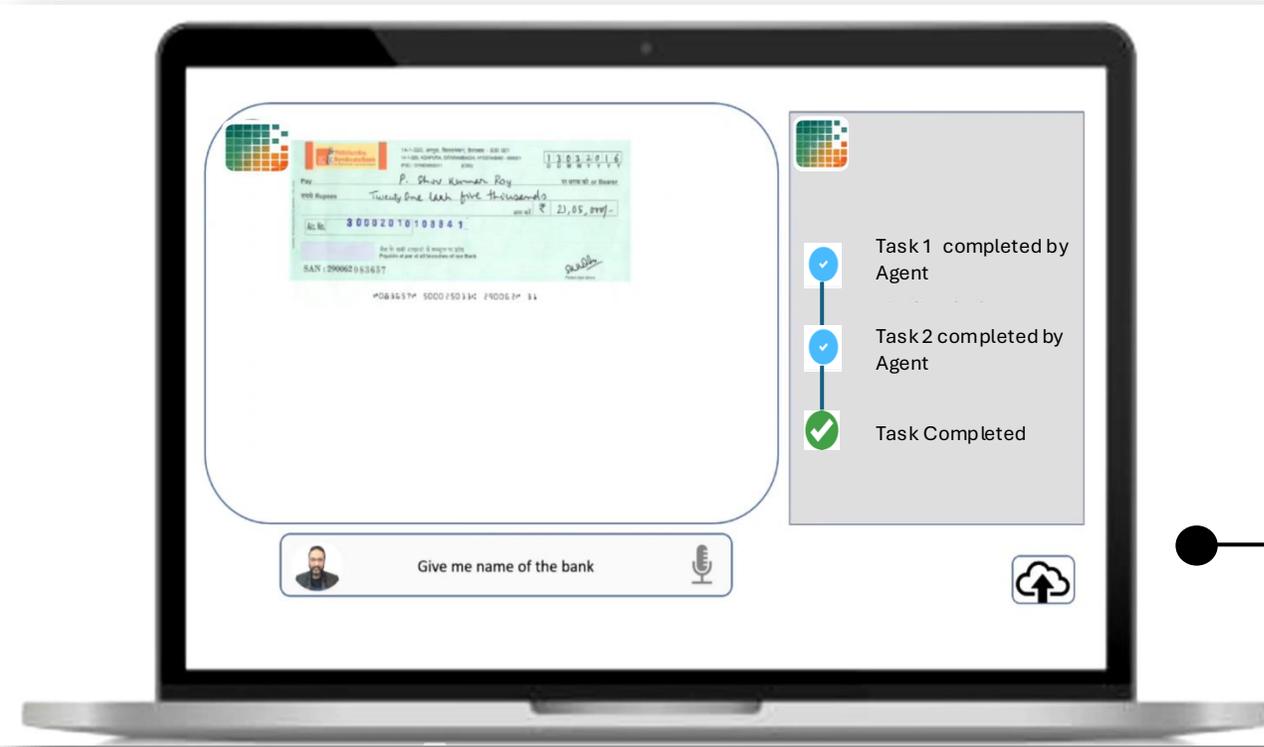
GenAI Shopping Assistance





Multi Agent GenAI Insurance Assistance





Agentic Multi Modal workflow
Automatic of scheduled Job

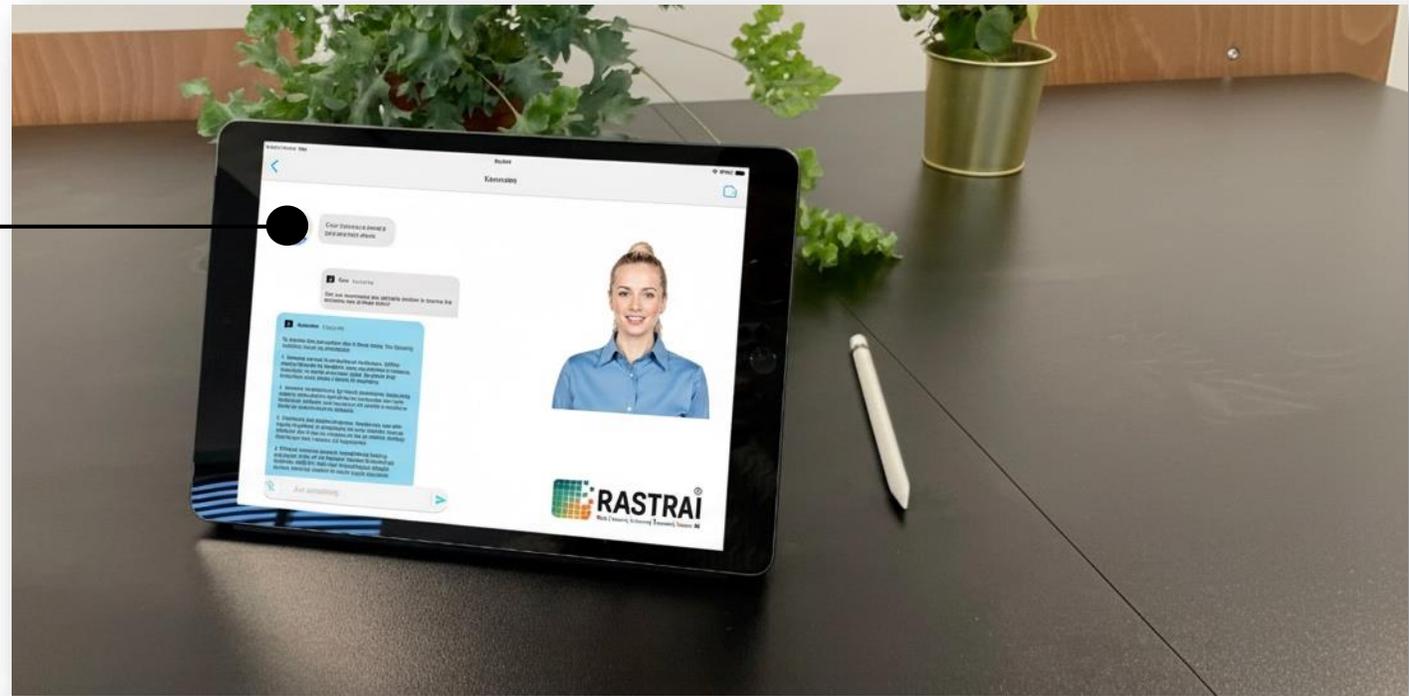


RASTRAI[®]
Robust | Adaptive | Sustainable | Trustworthy | Responsible | AI





Avatar based Agentic AI





Research Contribution





1. Federated Foundation Models (Springer 2025)

Developed a federated, privacy-preserving framework for **Large Event Recognition Models (LERM)**.

2. Agentic LLM Systems for Trading (IEEE 2024)

Built a multi-agent, conversational LLM framework that enhances **trading intelligence and decision workflows**.

3. Medical Imaging Transformers (IEEE 2023)

Co-designed a custom transformer and loss function for **robust skull-stripping in MRI analysis**.

4. Industrial Fault Diagnosis (2023)

Proposed a cross-attention transformer for **multi-modal vibration analysis** in industrial motor fault detection.

5. Towards AGI A Pragmatic Approach Towards Self Evolving Agent (ArXiv 2026)

6. Cultural Fidelity in the Age of Generative AI: Evaluating Indigenous Representation through the Mizo Way of Life (Mizoram University)- TBD



Executive Team



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Operations)



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