

Shriraj Pardeshi

AI/ML | Full Stack Engineer

Bangalore | +91-9075824725 | github.com/kazuma761 | [Linkedin](#) | [Portfolio](#) | shriraj.pc1@gmail.com

PROFESSIONAL SUMMARY

CS student specializing in applied AI systems, LLM-agents, and cloud-deployed products with over **4k users**. Built RAG pipelines using **LangChain**, custom **internal tools** for companies and build own Vibe Coding platform, backed by **9 published papers** and **1 granted patent**. Provided freelance **CRM/ERP** integration services to multiple clients across globe.

EDUCATION

Alliance University

Bachelor of Technology in Computer Science | CGPA: 7.5

Bangalore, India

2022 – 2026

TECHNICAL SKILLS

AI/ML : PyTorch, TensorFlow, Deep Learning, Computer Vision, Transformers, LangGraph/Chain,Sklearn,LLM

Backend & APIs: FastAPI, Node.js, REST APIs, NextJS, Webhooks, MCP (Model Context Protocol)

Languages: Python, C++, JavaScript, TypeScript, Go, SQL

Cloud & Tools: AWS, Docker, Azure, Vercel, Supabase,Sandbox, Github/Git Action, Linux, Postman, Apache Kafka

Databases: MongoDB, PostgreSQL, ChromaDB, FAISS (vector search)

ACHIEVEMENTS

- Selected for AI Summit India 2026 for the Akira AI Coding Platform
- Winner of REVA University Gamethon (Rs.50K Prize Pool)
- Displayed projects at Bangalore Tech Summit for 2 consecutive years (2024 – 2025)
- Top 10 out of 375 team in Johns Hopkins Health-Hack 2025 Hackathon

PROJECTS & EXPERIENCE

Akira – AI Coding Platform | *React, Node.js, E2B Sandbox, Vercel, Supabase*

2025

- Built a prompt-to-app AI coding platform (fuki.in) using E2B Sandbox for secure, isolated code execution, with authentication via Clerk and payments via Dodo Payments.
- Deployed on Vercel with a Supabase backend, enabling multi-agent coding sessions where planning and execution agents collaborate in real time.
- Designed the project ingestion pipeline and automated GitHub deployment flow to push generated code directly to a user's personal GitHub account.

DemandSense -AI Supply-Chain-Forecast Platform | *Python, FastAPI, Next.js, LightGBM/Prophet,SQL*

2026

- Built an AI-driven demand forecasting platform predicting SKU-level product demand across multiple warehouses using historical sales, seasonality, and external signals (holidays, promotions, weather).
- Engineered a hybrid forecasting pipeline combining LightGBM and Prophet models, **reducing forecast error (MAPE) by 17%** compared to traditional moving-average baselines.
- Developed FastAPI backend serving real-time inventory recommendations and automated reorder-point alerts to prevent stockouts and overstocking.
- Designed a Next.js analytics dashboard visualizing demand trends, forecast accuracy, and inventory health across product categories and locations.

Smart Printing Vending Platform | *Python, Node.js, Cloud Deployment,PostgreSQL*

Fluxella 2025

- Architected cloud-connected printing kiosk serving **3,000+ users**, generating **\$1,500+ revenue (\$40-\$60 daily)**.
- Built backend automation processing 1,500–2,000 pages daily with real-time queue management and printer integration along with Cashfree for payment.

Multilingual AI CRM System | *LangChain,FAISS RAG, REST APIs, Sarvam AI*

Alliance University – 2025

- Built production-grade voice AI system integrated with Meritto CRM using Sarvam AI for regional language translation.
- Developed REST API and webhook automation handling **400+ daily student interactions** with **2–5s average latency**.
- Implemented RAG-based query system using institution knowledge base and CSV analytics dashboard.
- Deployed for admission workflows with real-time speech-to-text, translation, and audio response generation.

CERTIFICATIONS

Microsoft Certified: Azure AI Fundamentals

[View Credential](#)