

Hariharan Joga

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[GitHub](#) | [LinkedIn](#)

EDUCATION

- **B-Tech in Computer Science and Engineering (CSE-AIIML)**
Vallurupalli Nageswar Rao Vignana Jyothi Institute of Engineering and Technology

EXPERIENCE

AI SDE – Excelerate Technologies **Feb 2026 – Present**

- Developing Agentic AI systems utilizing LangGraph, LangChain, and CrewAI for autonomous task orchestration.
- Building and deploying custom LLMs with real-time voice integration using LiveKit and driving them to production.

Founding AI Engineer – Campus Cortex AI **Jun 2025 – Jan 2026**

- Architected a cloud-native, multi-tenant SaaS platform using a polyglot backend (PostgreSQL, Pinecone, MongoDB), engineering Gemini-driven multimodal AI grading and hallucination-free RAG tutoring systems.
- Orchestrated production-grade asynchronous pipelines using Flask-APScheduler, Docker, and Cloudflare R2, ensuring scalable background task execution for automated reporting, secure data isolation, and robust API integrations.

SDE Intern – Soven Developer (Founding Engineer) **Dec 2024 – Mar 2025**

- Designed and developed Generative AI solutions leveraging OpenAI API and Azure OpenAI Service.
- Architected backend architecture using Flask; integrated GPT-4o Vision API, reducing processing latency by 35%.

AI & ML Intern – Infosys Springboard **Oct 2024 – Dec 2024**

- Engineered a fraud-detection model using Random Forest under Agile methodology, achieving 98% accuracy.
- Implemented batch and single-record processing pipelines, amplifying detection efficiency by 35%.

PROJECTS

Real-Time Agentic AI Engine(LangGraph, Crew AI, Node.js, Azure OpenAI, State Management) [GitHub](#)

- Architected a low-latency, multi-turn conversational AI using Node.js and LangGraph to power live voice assistants.
- Built a robust prompt-engineering pipeline with Azure OpenAI, integrating grounding and state management.

Edu Tech AI (Gen AI APIs, Azure, UI/UX, React.js, MongoDB) [GitHub](#)

- Developed a Generative AI application using GPT-4 Turbo and ReactJS, improving user interaction by 40%.
- Implemented mock-test creation with auto-generated questions and real-time handwritten answer evaluation.

Financial Doc Summarization & Risk Analysis Tool (Python,RAG, Flask, OpenAI text-embedding-3) [GitHub](#)

- Built a tool to summarize compliance files, SEC filings, and financial statements using LLMs.
- Performed document-based scoring and portfolio risk analysis with GPT-4 Turbo.

TECHNICAL SKILLS

Languages & Programming Concepts: C++, Python, SQL, C, R, Data Structures and Algorithms.

Frameworks & Tools: MERN Stack (MongoDB, Express.js, React.js, Node.js), GitHub, Figma, Power BI

Cloud & APIs: Azure OpenAI Service, OpenAI API, OpenAI Assistants API,AWS, REST APIs, API Integration, GCP

Machine Learning AI: NLP, Information Retrieval, Feature Engineering, Supervised and Unsupervised ML Models

Agentic AI: LangChain, LangGraph, CrewAI, Vapi, LiveKit, Vector Database, RAG.

POSITIONS OF RESPONSIBILITY

Chairperson – Krithometh Club (Technical Club VNRVJIET) **Aug 2024 – Aug.2025**

Associate President – Street Cause VNRVJIET (Student run NGO) **Jul 2024 – Jul.2025**

CERTIFICATIONS

- **C++ (NPTEL)** – Proficiency in C++ programming.
- **Generative AI Applied LLM Badges** – AI Principles, Prompt Design, LLMs, Generative AI & Responsible AI (May 2025).
- **Building Voice Agents - Livekit** – Completed a Course on Voice Agents from the founders of Livekit.

ACHIEVEMENTS

- **SIH 2024 Finalist** – Top 5 among 400+ teams.
- **Designathon Finalist** – Top 10 among 500+ participants.
- **TS EAMCET Rank** – Top 0.4% of all candidates.
- **DS & Algo Problems** – Solved 500+ on LeetCode, CodeChef, etc.