

Govardhan A R

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EDUCATION

- **Vellore Institute of Technology** India
B.Tech in Computer Science and Engineering; CGPA: 9.17 *Aug 2023 – Jul 2027*
- **Loyola School** India
Higher Secondary (CBSE); Score: 97.8% *May 2023*
- **Sarvodaya Vidyalaya** India
Secondary School (CISCE); Score: 96.6% *May 2021*

WORK EXPERIENCE

- **Neurality Health** Remote
Junior Software Engineer *Nov 2025 – Present*
 - **Agentic AI Platforms:** Serve as lead engineer for an internal agentic AI platform for autonomous production issue investigation and as a lead engineer on a broader AI workflow initiative, owning architecture, implementation, evaluation, and production integration.
 - **Production AI Engineering:** Improve production conversational voice agents and LLM-powered workflows through debugging, prompt refinement, workflow optimization, and reliability fixes.
 - **Backend & Data Platform:** Develop and optimize reporting APIs, PostgreSQL queries, and data-processing workflows, reducing worst-case response times by over **80%**.

Software Engineer Intern *Feb 2025 – Nov 2025*

 - **LLM-powered Conversation Intelligence:** Built production pipelines using LLMs to classify post-call, chat, and SMS transcripts, extract structured insights, and generate practice-specific tags.
 - **Reports & Product Features:** Developed reporting APIs, data-management workflows, app inbox features, and dashboard functionality for healthcare practice operations.
 - **Full-stack Development:** Built the internal administrative platform from scratch and delivered frontend and backend features for practice configuration, reporting, and operational workflows.
- **Infosys Springboard** Remote
Project Intern *Mar 2024 – Jun 2024*
 - **GenAI Platform:** Led development of a GenAI-powered platform to automatically generate Java programming questions, solutions, and educational documents.
 - **LLM Integration:** Integrated Mistral-8x7B for Java code generation, solution generation, and UML/class diagram creation.
 - **Workflow Automation:** Automated question paper and document generation workflows, reducing repetitive manual effort in academic content preparation.

PROJECTS

- **Niva AI – Agentic AI Interview Coach:** Built a multi-agent AI interview platform that conducts role-specific mock interviews, evaluates candidate responses using LLMs, and generates personalized feedback and improvement plans through autonomous AI workflows.
- **RAG Chatbot Q&A – Document Intelligence Assistant:** Built a Retrieval-Augmented Generation application supporting PDF ingestion, semantic retrieval using PostgreSQL with pgvector, and context-aware responses through LangChain, Mistral, and Groq, with a full-stack React and Django architecture.
- **Omnipresence / SafeScape – AI-Powered Women Safety Ecosystem:** Built an AI safety platform combining CCTV-based threat detection, person detection, gender classification, SOS gesture recognition, and real-time alert workflows for unsafe-situation detection.
- **EatSage – Agentic AI Food Delivery Platform:** Built a multi-agent food delivery prototype with customer, restaurant, and valet agents coordinating order placement, acceptance, and delivery workflows using FastAPI and Fetch.ai-based agent coordination.

TECHNICAL SKILLS

- **AI / GenAI:** Agentic AI, Multi-Agent Systems, LLMs, RAG, LangChain, LangGraph, LLM Evaluation, AI Observability, NLP, PyTorch, Claude API, OpenAI API, Mistral, Groq, Langfuse
- **Languages:** Python, Java, C++, C, JavaScript, TypeScript
- **Backend / Web:** Django, FastAPI, Spring Boot, Node.js, React.js, REST APIs, WebSockets
- **Databases / Vector Search:** PostgreSQL, pgvector, MySQL, MongoDB, Redis
- **Cloud & DevOps:** GCP, Azure, Docker, Git, GitHub, Linux, Celery

ACHIEVEMENTS

- **Winner:** Sanrakshan Hackathon, IIT Bombay Techfest 2024
- **Runner-Up:** Fetch.ai Agent Hackathon, IIT Guwahati Techniche 2024

LEADERSHIP & EXTRACURRICULAR

- **Microsoft Learn Student Ambassador – Beta:** Promoted Microsoft Learn on campus and gained hands-on exposure to Microsoft technologies and platforms.