



Vooribindy Jaya Sai Reddy

B.Tech- CSE- (AI&ML)



Objective

Innovative and results-oriented tech enthusiast with good skills in AI Technologies and full-stack development. Passionate about building intelligent, scalable applications and exploring futuristic AI ideas. Interested in developing modern solutions combining machine learning and web technologies. Eager to work on real-world AI projects and adapt with smart world.

Internship

AI Intern

April 2025 - July 2025 | AforoAI (Product-Based Company)

Built an AI agent for AforoAI billing platform to enhance in-platform support and interaction. Integrated internal APIs used in the platform's development to enable the agent to assist users with quick access to fields and understanding company-specific workflows. Designed ux for agent chatbot with conversational features allowing users to query the AI agent for real-time assistance, platform guidance, and company-related information.

Projects

Project - 1 -- AforoAI Billing Agent (April - July 2025)

- Designed an AI-powered assistant using LLMs (Gemini) to enable natural language interaction with a billing platform.
- Built modules for task planning, contextual memory, and conversational UX to automate multi-step billing operations.
- Integrated internal Spring Boot-based REST APIs with Swagger documentation to connect the AI agent to core platform services.
- Developed a modular, scalable architecture using Python, FastAPI, and google-generativeai for future extensibility.

Project - 2 -- Virtual Gym: Real-Time Fitness Coach (July - October 2023)

- Developed an intelligent virtual fitness coach leveraging MediaPipe and OpenCV for real-time pose detection and analysis.
- Implemented adaptive machine learning feedback mechanisms to personalize workout routines based on user posture and movement accuracy.
- Enabled real-time visual feedback to guide users through exercises, correct form, and enhance workout effectiveness.
- Focused on improving user engagement through AI-driven posture tracking and personalized training experiences.

Project - 3 -- LegalCaseManager - AI-Enhanced Legal Practice Management (September - December 2024)

- Built an full-stack legal workflow platform using React and Node.js (Express), enabling case, client, and document management through an intuitive SPA.
- Integrated Google Gemini API to enable AI-powered legal drafting and a smart assistant for answering law-related queries within the application.
- Designed secure RESTful APIs with MongoDB, JWT authentication, and document upload via Multer, following a modular MVC architecture.
- Deployed on AWS using EC2, S3, and CloudFront, with secure configuration management planned via AWS Secrets Manager.

Project - 4 -- MultiRAG - Conversational AI with RAG Architecture (January - April 2025)

- Built a Retrieval-Augmented Generation (RAG) chatbot using LangChain, integrating semantic search with FAISS and ChromaDB.
- Enabled multimodal question answering by combining Google Generative AI and Hugging Face APIs for both text and image inputs.
- Deployed a scalable backend with FastAPI, asynchronous processing via Uvicorn, and containerized setup using Docker.

Certifications

- National Level Hackathon 1st Runner up - UPES 2.0
- Certificate of Internship - AI Intern at AforoAI
- Introduction to Web Development - Coursera
- Introduction to TensorFlow for Artificial Intelligence, Machine Learning, and Deep Learning - Coursera
- Introduction to Deep Learning & Neural Networks with Keras - Coursera
- Introduction to Generative AI - Coursera

Achievements

- 1st Runner-Up, Hardware 2.0 - National Hackathon (UPES Dehradun, 2023) - Developed AI - based solution, beating 120+ national teams.

Contact

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https://github.com/VooribindyJayasaireddy

Academics

Woxsen University | Hyderabad

2022 - 2026 | **Bachelor of Technology -3.0/4.0**

Narayana Junior College | Hyderabad

2020 - 2022 | Intermediate - **75.2%**

Narayana Olympiad School | kadapa

2019 - 2020 | Schooling - **100%**

Skills

- Programming Languages: Python, JavaScript, SQL, HTML, CSS
- Web Development: MERN Stack
- Machine Learning & AI: Scikit-learn, TensorFlow, MediaPipe, LangChain
- Prompt Engineering: optimized and detailed prompts for LLMs (Gemini, OpenAI)
- Cloud & Deployment: AWS (EC2, S3, CloudFront), RESTful APIs, JWT Authentication, Docker
- Database Management: MongoDB, Mongoose, PostgreSQL, SQL

Tools

- AI Tools: Google Gemini, OpenAI GPT FAISS, Motiff
- Dev Tools: GitHub, Postman, Swagger, VS Code, windsurf
- API & Backend Frameworks: Express.js, FastAPI, Multer, dotenv, cors
- Web Scrapping: BeautifulSoup, Selenium

Languages

- English - Fluent
- Telugu - Native/Fluent
- Hindi - Intermediate

Professional Skills

- Continuous Learning in Feature Technologies
- Team Collaborations
- Innovation
- Problem Solving
- Adaptive