Mithun Chavan A

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Summary

Full stack developer with experience in web application development and applied AI. Skilled in delivering practical solutions for automation, data analysis, and collaborative projects. Interested in roles involving software engineering, intelligent systems, and modern development practices.

Education

Jain Deemed-To-Be University, Bangalore   June 2022 – Present
B.Tech in Computer Science and Engineering   *CGPA: 8.67*

Nalanda International School, Hosur   June 2020 - May 2022

Technical Skills

Languages: Java, Python, JavaScript, TypeScript, HTML, CSS
Technologies and Frameworks: React.js, Node.js, Next.js, Flask, Tailwind, FastAPI
Databases: MongoDB, PostgreSQL, SQL, Firebase
Developer Tools: Git, Visual Studio Code, GitHub, Figma, Postman, Linux, AWS Basics
Concepts: Data Structures and Algorithm, OOP, API development, Machine Learning
Areas of Interest: Software Engineering, Full Stack Development, Agentic AI Development, AI Integration

Projects

Apex AI Trading Platform (FinTech)   *GitHub Repository*
- Developed an AI-powered stock trading platform featuring real-time signal generation and paper trading for strategy prototyping.
- Integrated multiple financial APIs for seamless market data analysis and enabled interactive WebSocket dashboards.
- *Tech Stack: Python, Flask-SocketIO, SQLite, Yahoo Finance.*

InterPrep – AI Mock Interview Platform (EdTech)   *interpreppy.vercel.app*
- Built an AI-driven web app for real-time, voice-based mock interviews and automated feedback.
- Integrated dynamic question generation and performance scoring using large language models.
- *Tech Stack: Next.js, TypeScript, Firebase, Tailwind CSS, Vapi AI, Google Gemini API, shadcn/ui, Zod.*

Volume Gesture Control System: Computer Vision Application   *GitHub Repository*
- Built a computer vision application enabling contactless system volume control using real-time hand gesture recognition.
- Designed and implemented gesture detection pipelines for user-friendly, accessible interaction.
- *Tech Stack: Python, OpenCV, MediaPipe, Pycaw, Computer Vision.*

Publications

Efficient CNN-Based Bone Fracture Detection in X-Ray Radiographs with MobileNetV2
Publisher: IEEE (2024)   *10.1109/ICRAIS62903.2024.10811726*

Certifications

- AI Agent Developer - Coursera Professional Course
- AI For Everyone - DeepLearning.AI
- Advanced React – Meta

Additional Information

Languages: Marathi, English, Hindi, Kannada, Tamil, Telugu