

Samay Powade

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in [linkedin.com/in/samay-p-103259269](https://www.linkedin.com/in/samay-p-103259269) • github.com/Samay-AI-Verse • 📁 Portfolio • </> LeetCode

PROFESSIONAL SUMMARY

Backend-focused Full Stack Developer with hands-on experience in FastAPI, Flask, and Node.js, specializing in REST API development, database design, authentication, and API testing using Postman. Capable of building, deploying, and maintaining end-to-end full stack applications, with working knowledge of modern frontend technologies.

TECHNICAL SKILLS

Languages:	Python, JavaScript, SQL
Backend:	FastAPI, Flask, Node.js, REST APIs, JWT Authentication, Postman
Frontend:	HTML, CSS, JavaScript, React
Mobile Development:	Flutter, Android App Development
Databases:	MongoDB, MySQL, Firebase
AI/LLM Tools:	LangChain, GPT, LLaMA, Prompt Engineering, OpenCV, PyTorch
DevOps & Tools:	Docker, Git, GitHub, Linux, CI/CD, AWS (S3, EC2)

OPEN SOURCE & PRACTICAL EXPERIENCE

Open-Source Contributor | Software Development & AI

2026 - Present

[GitHub Profile](#) | [Hugging Face Profile](#)

- Contributed backend API enhancements and bug fixes to open-source projects with focus on FastAPI and Flask
- Built and maintained full stack applications with clean API architecture and deployment-ready configurations
- Published reusable tools for web development, API integration, and LLM workflows

PROJECTS

Trinetra - Emergency Response Drone System | [GitHub](#)

Oct 2025 - Dec 2025

FastAPI, MongoDB, JWT Authentication, Flutter, Python, OpenCV

- Built secure backend API with FastAPI implementing JWT authentication, user management, and MongoDB integration
- Designed RESTful endpoints for real-time drone control, emergency alerts, and officer assistance features
- Developed Flutter mobile app frontend consuming backend APIs with real-time data synchronization
- Implemented real-time video processing pipeline with OpenCV for human detection and emergency response

Sarthi Astra - Document Intelligence Platform | [GitHub](#)

Aug 2025 - Nov 2025

FastAPI, MongoDB, LangChain, Flutter, REST APIs, Android Development

- Developed backend API using FastAPI with MongoDB for secure document storage, authentication, and retrieval
- Integrated LLM-powered document intelligence with RESTful architecture for mobile-backend communication
- Built Android app using Flutter with complete UI/UX consuming backend APIs for document management
- Implemented secure file upload/download system with encryption and role-based access control using JWT

Shakti - Women's Safety AI Chatbot | [GitHub](#)

May 2025 - July 2025

React, FastAPI, MongoDB, Python, LangChain, REST APIs

- Designed RESTful API architecture with FastAPI for user management, chat sessions, and emergency alerts
- Implemented MongoDB database schema for conversation history, user profiles, and authentication
- Integrated AI chatbot backend with LangChain and LLM models, exposing APIs consumed by React frontend
- Built responsive React UI with real-time messaging features and tested all endpoints using Postman

HACKATHONS & ACHIEVEMENTS

- Hackathon Participant** | Built full stack prototypes with backend APIs under time constraints
- Active Learner - Backend & AI** | Completed foundational courses in API design and LLM integration
- Open-Source Contributor** | Published multiple projects on GitHub with comprehensive documentation
- API Development Skills** | Hands-on experience building RESTful APIs with FastAPI, Flask, and Node.js

EDUCATION

B.Tech in Computer Engineering

2024 - 2027

Gramin Technical and Management Campus, Nanded

Diploma in Computer Engineering

2021 - 2024

Gramin Technical and Management Campus, Nanded