

Swayam Vijay Awari

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PROFESSIONAL SUMMARY

Software Developer specializing in AI-powered applications, RAG systems, and full-stack development using Python, FastAPI, React, and modern LLM frameworks.

EDUCATION

G H Raisoni College Of Engineering — Nagpur, Maharashtra, India | 2022 – 2026

B.Tech. in Computer Science and Engineering

PROFESSIONAL EXPERIENCE

AI/ML Intern | InternPro | Dec 2025 – May 2026

- Engineered Mockable, an AI-powered interview platform supporting role-specific interview simulations and automated feedback workflows.
- Integrated LLM-based evaluation pipelines for technical and communication assessments.
- Designed secure REST APIs, authentication workflows, and performance tracking services using Node.js and MongoDB.

TECHNICAL PROJECTS

YANTRA AI | Open Source Contribution | Node.js, Python, MongoDB, Next.js

[Link](#)

- Implemented persistent Python Rooms with Supabase-backed storage for collaborative coding sessions.
- Optimized application performance through deferred Pyodide initialization and lazy loading.
- Reduced initial load times by improving frontend performance and resource management.
- Enhanced accessibility and WCAG compliance across multiple user interface components.

CODELURA | Open Source, Deployed | React, Next.js, Node.js, MongoDB

[Link](#)

- Architected and deployed an open-source developer productivity platform featuring AI-powered code assistance and workflow automation.
- Integrated multiple AI services for intelligent code suggestions and documentation generation.
- Designed scalable backend APIs, authentication workflows, and database services using Node.js and MongoDB.
- Built responsive interfaces and optimized application performance to improve developer experience.

REPOLENS | AI-Powered Codebase Q&A Platform | FastAPI, LangChain, ChromaDB, GPT-4o, React

- Built a RAG-powered platform enabling natural-language querying and understanding of GitHub repositories.
- Implemented document ingestion and semantic retrieval pipelines using LangChain and ChromaDB for accurate context-aware code search.
- Integrated GPT-4o to provide intelligent code explanations and repository insights across large codebases.
- Deployed a production-ready FastAPI backend and React frontend on Railway and Vercel.

TECHNICAL SKILLS

Languages: Python, JavaScript, TypeScript, SQL, C++

AI & Machine Learning: LLM Applications, RAG, Multi-Agent Systems, LangChain, FAISS, ChromaDB, OpenAI API, Gemini API, Anthropic SDK, Prompt Engineering

Backend & APIs: FastAPI, Node.js, Express.js, REST APIs, JWT Authentication, MCP Servers

Frontend: React.js, Next.js, HTML, CSS

Databases: MongoDB, PostgreSQL, Supabase

Cloud & DevOps: Docker, Git, GitHub, Railway, Vercel, AWS

Core Competencies: Software Engineering, Full-Stack Development, AI System Design, Vector Search, Database Design, Performance Optimization