

SWAYAM VIJAY AWARI

Full-Stack & AI Engineer

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PROFESSIONAL SUMMARY

Computer Science graduate and full-stack developer specializing in AI-powered applications and RAG systems. Built and deployed three production AI platforms using Python, FastAPI, React, and LangChain, including a codebase Q&A tool that lets developers query GitHub repositories in natural language. Looking to bring hands-on RAG, retrieval, and applied-AI engineering experience to a Software Engineer or AI Engineer role building production LLM products.

EDUCATION

G H Raisoni College of Engineering — Nagpur, Maharashtra, India

2022 – 2026

B.Tech. in Computer Science and Engineering | CGPA: 8.75 / 10

PROFESSIONAL EXPERIENCE

AI/ML Intern — InternPro

Dec 2025 – May 2026

- Built **Mockable**, an AI interview simulation platform generating role-specific technical and behavioral mock interviews with automated LLM-based feedback.
- Designed an LLM-based scoring pipeline that evaluated technical and communication responses against a structured rubric, streamlining manual review.
- Developed secure REST APIs with JWT authentication (Node.js, MongoDB), powering real-time performance tracking for interview candidates.

TECHNICAL PROJECTS

REPOLENS — AI-Powered Codebase Q&A Platform [\[GitHub\]](#)

FastAPI, LangChain, FAISS, Gemini, React

- Built a RAG-powered platform that ingests public GitHub repositories and indexes their codebase in memory, enabling natural-language Q&A over the code.
- Engineered document ingestion and semantic retrieval pipelines with LangChain and FAISS, returning answers with exact file and line citations.
- Deployed a production-ready FastAPI backend (Railway) and React/Vite frontend (Vercel).

YANTRA AI — Open Source Contribution [\[GitHub\]](#)

Node.js, Python, MongoDB, Next.js

- Implemented persistent, Supabase-backed collaborative "Python Rooms" enabling multiple users to code together in real time.
- Cut initial page load time through deferred Pyodide initialization and lazy loading.
- Improved accessibility and WCAG compliance across multiple UI components.

CLINICALBRIDGE — Healthcare RAG Assistant [\[GitHub\]](#)

FastAPI, LangChain, ChromaDB, Gemini, Next.js, Three.js

- Developed a RAG-powered healthcare assistant that answers natural-language questions about patient records with cited, evidence-based responses.
- Implemented retrieval over simulated FHIR-style patient profiles (demographics, medications, labs, allergies, notes) using LangChain and ChromaDB, powered by Gemini 1.5 Flash.
- Created a Next.js 14 / TypeScript frontend with a Three.js 3D visualization and persistent per-patient conversation context.

ACHIEVEMENTS

Participated in **6 hackathons**, including OpenAI × Outskill AI Builders Hackathon, Agents Assemble, Catalyst (Deccan AI), Hackiethon 2026, and Smart India Hackathon 2024.

Active open-source contributor — earned GitHub's **Pull Shark** achievement for merged pull requests across multiple repositories (github.com/swayam0).

Completed a live technical assessment for **VectorShift (YC S23)** — built a ReactFlow pipeline builder with a FastAPI DAG-detection backend.

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