

Samridhhi Sharma

+91-6267235338 | sharma.samridhhi9@gmail.com | [LinkedIn](#) | [GitHub](#) | [LeetCode](#) | [Portfolio](#)

Experience

Software Engineer — Capri AI

Jan 2025 – Present

Remote

- Architected a production-grade **AI Agent Builder** enabling seamless integrations with Google Calendar, Slack, and GoHighLevel for multi-provider enterprise orchestration.
- Built an end-to-end **RAG pipeline** (ingestion → chunking → embeddings → vector search) powering a Knowledge Source module that trains AI agents on proprietary documents.
- Integrated webhooks from multiple external providers into the core backend, enabling real-time event-driven workflows including automated meeting schedulers and inbound lead responders.
- Delivered a **Prompt Library** feature for dynamic creation, management, and application of instructional prompts across bot configurations and scenarios.
- Developed a full-stack document training interface with async job queuing and real-time user feedback for training status.
- *Stack: Python, FastAPI, LangChain, Node.js, Express, React, MongoDB, Pinecone, AWS*

Software Development Intern — Freudia

Nov 2024 – Jan 2025

Remote

- Built the **Find Therapists** module enabling employees to search profiles and book sessions via real-time availability slots, improving care accessibility for enterprise users.
- Developed RESTful APIs for **New Organization Onboarding**, automating multi-tenant URL provisioning and SSO-based access control via the Super-Freudia admin app.
- Streamlined the client onboarding flow, reducing manual setup steps and accelerating feature configuration for new enterprise clients.

Projects

MedRAG — Clinical Q&A RAG System | [Source Code](#) | [Live Demo](#)

- Built a production-ready **RAG system** for clinical Q&A delivering citation-backed LLM responses over large-scale medical document corpora.
- Designed a scalable retrieval pipeline with **semantic search** via **pgvector** on PostgreSQL, enabling sub-100ms low-latency retrieval over high-dimensional embeddings.
- Architected a modular backend with FastAPI and a Node.js/Express API gateway; delivered real-time **streaming LLM responses** with source attribution for a high-stakes medical domain.
- *Stack: Python, FastAPI, Node.js, PostgreSQL, pgvector, React, AWS, Docker*

AI powered Stock Prediction | [Source Code](#) | [Live Demo](#)

- Built a full-stack **AI-powered stock prediction** application using Facebook Prophet, enabling users to analyze trends and forecast future stock prices with machine learning.
- Designed a high-performance **FastAPI** backend with RESTful endpoints for model inference, integrated with a React (Vite) frontend for interactive data visualization.
- Containerized the entire application using **Docker Compose** with a multi-service setup; served the frontend via **Nginx** and deployed to cloud for public access.
- *Stack: Python, FastAPI, Prophet, Pandas, React, TypeScript, Docker, Nginx*

Technical Skills

Languages

Python, JavaScript, TypeScript, Java

Frameworks & Libraries

Node.js, Express, React, Next.js, FastAPI, LangChain, TailwindCSS, Zustand, Sequelize, Prisma, SQLAlchemy, Jest

Databases

PostgreSQL, MySQL, MongoDB, DynamoDB, Redis, Firebase

Cloud & DevOps

AWS (EC2, S3, Lambda, CloudWatch, ELB, EBS), Docker, Nginx, Jenkins, Grafana, New Relic, OpenTelemetry

AI / ML

RAG, LLMs, Vector Databases, AI Agents, MCP

Tools

Git, Postman, Swagger, Linux, JMeter, k6

Education

Indore Institute of Science and Technology

B.Tech in Information Technology
CGPA: **8.65 / 10.0**

Certifications

AWS Cloud Foundations

AWS Academy

RAG with LLMs

DeepLearning.AI

Namaste React

Namaste.dev

MERN Stack Front to Back

Udemy

The Web Developer Bootcamp

Udemy

Additional Information

Strengths: System design fundamentals, clean code, pragmatic trade-offs, stakeholder communication, and ownership mindset.

Objective: Open to Senior Software Engineer, Full-Stack, or GenAI Engineering roles in enterprise and product environments.