Devarsh Radadia

Vadodara, Gujarat | +91 87803 55697
Email | LinkedIn | GitHub | Portfolio

SUMMARY

AI Engineer with hands-on experience building LLM-driven systems, production ML pipelines, and Python microservices. Strong focus on RAG workflows, asynchronous APIs, data pipelines, and backend systems that ship to real users.

EXPERIENCE

Neujin Solutions   **Dec 2025 – Present**
AI Engineering Intern   *On-site*

- Built Python ETL pipelines to ingest and normalize large-scale FDA MAUDE adverse-event datasets using Pandas and SQL.
- Implemented validation, retries, and structured logging, reducing ingestion failures by **30%**.

Yo4GIS Solutions   **Jun 2024 – Dec 2024**
Software Engineering Intern   *Hybrid*

- Optimized Python-based REST APIs with Redis caching and query tuning, reducing average latency by **40%**.
- Worked on backend services supporting real-time geospatial data access.

PROJECTS

FDA MAUDE Data Processing & Analysis Platform [**GitHub**] [**Live**]
Python, FastAPI, Pandas, PostgreSQL

- Built a production-style data platform processing **100K+ medical adverse-event records** from FDA MAUDE datasets.
- Designed robust ETL pipelines with validation, retries, and error handling for reliable ingestion at scale.
- Exposed processed datasets and aggregations via FastAPI-backed REST endpoints for analytics and filtering.

AI Document Processing Agent [**GitHub**]
FastAPI, LangGraph, CrewAI, Celery, Redis

- Built an asynchronous LLM-driven document-processing system using FastAPI and Celery.
- Implemented chunking, embedding-based workflows, and task orchestration with LangGraph and CrewAI.
- Reduced manual document review effort by **70%** while supporting concurrent workloads.

FinOps Portal [**GitHub**]
Next.js, TypeScript, PostgreSQL

- Developed a cloud cost-analysis platform surfacing **$45K+/month** in optimization opportunities.
- Owned features end-to-end from backend logic to deployed UI and dashboards.

EDUCATION

SVIT, Vasad — Gujarat Technological University   **2022 – Present**
B.E. Computer Engineering | CGPA: 8.70/10   *Gujarat, India*

SKILLS

- **Languages:** Python, C++, SQL, Bash
- **LLMs & GenAI:** RAG Pipelines, LangChain, LangGraph, CrewAI, Prompt Engineering
- **Machine Learning:** Scikit-learn, PyTorch, NLP Preprocessing, Feature Engineering, Model Evaluation
- **Backend & Systems:** FastAPI, Redis, Celery, Docker, PostgreSQL, REST APIs
- **Cloud & Dev:** AWS (S3, EC2), Git, CI/CD