

MD SADIQ HASAN ANSARI

AI Engineer · Generative AI · LLMs · Python · RAG · AWS

✉ eth.sadiq@gmail.com 📞 08553809556 in sadiq-hasan-in 📱 sadiq1402 🌐 sadiq-ai.dev

Summary

AI Engineer with production experience designing and shipping **Generative AI** and **LLM**-powered applications in **Python**. Strong in **prompt engineering**, **RAG**-style retrieval and summarization, multi-provider LLM orchestration, **REST APIs**, and **AWS** cloud deployment. Delivers reliable, scalable AI solutions and thrives in fast-paced enterprise environments.

Skills

Languages: Python, JavaScript, TypeScript, SQL

Generative AI & LLMs: LLM Integration, Prompt Engineering, RAG (Retrieval-Augmented Generation), Multi-Provider LLM Orchestration, OpenAI API, AWS Bedrock, Conversational AI, AI Agents & Chatbots, Voice AI

Machine Learning: Scikit-learn, TensorFlow, Pandas, NumPy, Feature Engineering, Supervised & Unsupervised Learning

Backend & APIs: FastAPI, Node.js, Express.js, REST APIs, Microservices, WebSockets, Razorpay, Stripe

Cloud & MLOps: AWS (Lambda, API Gateway, SQS, S3, ECS, Bedrock), Serverless Architecture, Docker, CI/CD, Model Deployment

Databases & Tools: PostgreSQL, MongoDB, Redis, SQLite, Git, GitHub, Linux

Experience

AI Engineer

AI Voice, LLM & Agentic Systems

Vsynergize AI

Aug 2025 – Present

- Build and deploy production-grade **Generative AI** and **LLM**-powered agents in **Python** for enterprise workflows, serving **1000+** **concurrent** interactions at low latency.
- Design **prompt engineering** strategies and **multi-provider LLM orchestration** to optimize the accuracy, tone, and reliability of AI model outputs across use cases.
- Develop retrieval-and-summarization (**RAG**-style) pipelines on **AWS Bedrock** for transcript intelligence, structured AI summaries, and conversational insight extraction.
- Engineered an **Insurance Claim Status AI Agent** that retrieves insurer data and generates structured, LLM-driven summaries to automate customer interactions.
- Architect scalable **REST APIs** and event-driven **microservices** with **FastAPI**, AWS Lambda, API Gateway, SQS, and Redis for fault-tolerant, real-time processing.
- Built core AI for a **calling platform (Plivo, LiveKit)**: configurable voice campaigns with **multi-agent handoff**, a **RAG**-grounded **AI copilot**, and AI-scored **LinkedIn** sourcing, across 90K+ lines and 400+ tests.
- Lead backend development of a multi-role **EdTech LMS platform (FastAPI, PostgreSQL, AWS Lambda)** with **Razorpay** and **Stripe** subscription billing, spanning **500+** **REST endpoints** and **90K+** lines of Python across 5 user roles, backed by **2,100+** **automated tests**.

Generative AI Research Intern [Live Demo](#)

Annam AI, IIT Ropar

May 2025 – July 2025

- Built **PRAGATI-AI**, a Generative AI model helping farmers improve crop yield through pollination monitoring.
- Applied Generative AI and machine learning in **Python** (Scikit-learn, TensorFlow) for model development and evaluation.
- Owned data preprocessing, model development, and research documentation across the project lifecycle.

Education

Indian Institute of Technology, Madras

Sept 2022 – March 2026

Bachelor of Science in Data Science

- Coursework: Deep Learning, Machine Learning, Data Visualization, Managerial Economics. CGPA: 7.27/10

Projects

MiloJulo (solo, pre-launch beta) — Intent-first social discovery app for Pune. **React Native** on **Supabase** (Postgres, **RLS**, Realtime) with Cloudflare R2 media: 11K+ lines of TypeScript, 17 migrations, 28 automated RLS tests in CI.