

MOHAMMAD SAMEER

Generative AI & Backend Engineer

Available Immediately

+91 8603829005 | hello@sam18.xyz | sam18.xyz | <https://www.linkedin.com/in/connect-to-sam-xyz> | <https://github.com/sam0786-xyz>

SUMMARY

Final-year B.Tech (Computer Science, AI & ML) engineer with production experience building Generative AI applications — LLM pipelines, RAG, and agentic workflows — on Python, FastAPI, AWS, and GCP. Have shipped full-stack AI products end to end, from architecture and backend to deployment, including a voice-based conversational AI and a multi-pipeline finance automation system. Available immediately for AI, Backend and ML Engineer roles.

TECHNICAL SKILLS

Languages: Python, C++, Java, SQL

Generative AI / ML: LLMs, RAG (Retrieval-Augmented Generation), LangChain, Agentic & Multi-step Workflows, Structured Outputs (JSON Schema), Prompt Engineering, TensorFlow, Scikit-learn

Backend: FastAPI, REST APIs, Pydantic, JWT Authentication, Microservices, Webhooks

Databases & Vector: Qdrant (vector DB), DynamoDB, Firestore, Supabase, PostgreSQL

Cloud & DevOps: AWS, GCP (Cloud Run, Pub/Sub, Firestore), Azure, Docker, Git/GitHub, Modal, CI/CD

EXPERIENCE

Generative AI Developer Intern

Oct 2025 – Jul 2026

KlipCanvas · Remote

- Engineered a full-stack, AI-driven CA exam-preparation platform integrating Gemini LLMs and a Qdrant vector database to automate answer-sheet grading and semantic study-material retrieval.
- Built a real-time voice conversational AI system using ElevenLabs and Twilio to power interactive call-based workflows.
- Developed scalable backend services in FastAPI with JWT authentication and DynamoDB for reliable, high-throughput data handling.

PROJECTS

AI Personal Finance Copilot [Demo](#) · [Code](#)

May 2026

Python, FastAPI, Gemini, GCP (Cloud Run, Pub/Sub, Firestore)

- Architected a dual-pipeline ingestion system pairing an iOS voice-triggered intent engine with GCP Pub/Sub Gmail webhooks for real-time bank reconciliation.
- Drove deterministic, multi-step LLM workflows using Gemini native structured outputs (JSON Schema) to reliably parse complex financial states and retroactive deductions.

Technova Society Platform [Demo](#) · [Code](#)

Dec 2025 – Mar 2026

Next.js, TypeScript, Tailwind CSS, Supabase, Resend

- Built and deployed a full-stack event-management platform serving 800+ students, featuring an admin dashboard and a real-time QR-based attendance system.
- Engineered an end-to-end hackathon management system (team registration, secure organizer dashboards, mobile-first gate tracking) that processed 5,000+ QR scans across a 24-hour event.

EDUCATION

B.Tech, Computer Science (AI & ML Specialization)

Aug 2023 – May 2027

Sharda University, Greater Noida, India · CGPA: 8.05 / 10

LEADERSHIP & COMMUNITY

President — Technova, Technical Society of Sharda University

Sep 2025 – Aug 2026

- Lead 70+ members across 8 technical domains, driving the execution of technical initiatives and events.

Volunteer — MLOps.Community India

Mar 2025 – Present

- Support event execution and community coordination within the regional MLOps network.

CERTIFICATIONS

- Machine Learning Specialization — Stanford University & DeepLearning.AI
- AWS Cloud Quest: Cloud Practitioner — Amazon Web Services