Muhammad Siraj

Islamabad, Pakistan
msirajkazim@gmail.com github.com/muhammadsirajdev linkedin.com/in/sirajkazim (+92) 316 4539099

AI Engineer building production agentic systems with LangGraph, LangChain, RAG and MCP. Founding AI engineer who has shipped 10+ client projects, with a focus on reliable agents: evaluated retrieval, human-in-the-loop approval and guardrails that keep LLM output away from critical actions.

Top Skills • *Python* • *LangGraph* • *LangChain* • *RAG* • *MCP* • *FastAPI* • *PostgreSQL* • *AWS* • *Docker*

Education

COMSATS University Islamabad — *Islamabad, Pakistan*
Bachelor in Computer Science, CGPA: 3.5/4.0 — Sep 2023 – Jun 2027

Professional Experience

Eleven Softwares — *Remote*
Founding AI Engineer — Sep 2025 – Present

- Shipped **10+ client AI projects** end to end, from architecture to production deployment.
- Built agentic workflows with **LangGraph, LangChain and CrewAI** automating the full meeting lifecycle, cutting manual work by **70%**.
- Integrated **MCP servers** connecting agents to ClickUp, Slack, Google Drive and Notion.
- Optimized database queries, reducing response latency from **60s to under 2s (30x faster)** through a user-centric, demo-driven process.

Das Soft Ltd — *Islamabad – On Site*
Full Stack | Internship — Jul 2025 – Sep 2025

- Built the D-Unit IoT platform with React, Express.js and Firebase for real-time (**<200ms**) power control, cutting monitoring by **70%**.
- Co-designed an optimized database schema, improving data flow and integration efficiency by **40%**.

Projects

hvacX – AI Front Desk for HVAC | LangGraph, MCP, RAG, FastAPI, PostgreSQL, ChromaDB — GitHub

- Built a chat + email AI front desk on **4 LangGraph agents** that answers questions, books, reschedule and cancel visits, sends reminders and posts to Slack via **Gmail/Slack MCP servers**.
- Designed an "LLM classifies, code acts" architecture: Pydantic structured outputs, every booking and email executed by code and confirmed only after the DB write; row locks guarantee **zero double bookings**.
- Built a RAG pipeline with validated LLM chunking in ChromaDB: **99% answer correctness, 98% faithfulness, 0.846 MRR, 100% correct refusals** on a 51-question eval at 2.96s p50 latency.
- Added prompt-injection guardrails and an emergency guard, covered by **65 offline pytest tests**.

StormLead – Storm-Triggered Lead Engine | LangGraph, MCP, Composio, PostgreSQL, React — GitHub

- Built **4 autonomous LangGraph pipelines** that detect storms via a custom OpenWeather MCP server across **10 metros**, draft outreach, triage Gmail replies, send Calendly links and alert Slack on bookings.
- Implemented **human-in-the-loop** approval with LangGraph interrupt() and Postgres checkpointing; agents hand off via DB status.
- Built a read-only React + FastAPI ops dashboard (**6 views**) with LangSmith tracing, tested on **400** seeded customers.

PrepLens – AI Interview Preparation Platform | React, Node.js, FastAPI, PostgreSQL — Livelink

- Built a real-time speech-to-speech AI voice interviewer with automated summaries and AI resume analysis.
- Developed a mock MCQ exam module with instant scoring, reducing manual evaluation by **70%**.

Technical Skills

- **Languages:** Python, JavaScript, SQL, Java, C++
- **LLMs & Agents:** LangGraph, LangChain, CrewAI, MCP, OpenAI API, Tool Calling, Pydantic, Prompt Engineering
- **RAG & Evaluation:** ChromaDB, Embeddings, Vector Search, LangSmith, Hit@k, MRR, LLM-as-Judge
- **ML & Voice AI:** HuggingFace, Scikit-learn, Pandas, NumPy, AssemblyAI, Deepgram, ElevenLabs
- **Backend & Databases:** FastAPI, Node.js, Express.js, Celery, PostgreSQL, Redis, Firestore
- **Cloud & DevOps:** AWS (EC2, S3, Lambda, Bedrock), Docker, Kubernetes, GitHub Actions, Railway, Vercel
- **Frontend:** React, Tailwind CSS

Certifications

- **AI Engineer Agentic Track: The Complete Agent & MCP Course** | *Udemy (Ed Donner)* — Jul 2026
- **AI Engineer Core Track: LLM Engineering, RAG, QLoRA, Agents** | *Udemy (Ed Donner)* — Jul 2026
- **AI Engineer Production Track: Deploy LLMs & Agents at Scale** | *Udemy (Ed Donner)* — Nov 2026
- **1 to 1 Million Workshop** | *AWS Student Builder Group, COMSATS University Islamabad* — Oct 2026

Volunteering / Community

Google Developer Groups on Campus — *COMSATS University Islamabad, Hybrid*
General Secretary — Jan 2024 – Sep 2025

- Co-organized a Web Development Bootcamp with **1,000+ registrations** and conducted technical sessions.
- Led the DataCamp Scholarship Program, distributing **200 free licenses** to students.
- Certified Instructor for the **Web Bootcamp with LLM Workflows** (May 2025), teaching MERN and Gemini integrations.

Achievements

- HEC Top Merit Scholarship for the entire four-year bachelor's program.