Samreen Sami

LEAD AI DEVELOPER & CONSULTANT · FIRECODERS

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PROFESSIONAL SUMMARY

Award-winning Lead AI Developer and Consultant with 5+ years building production-grade Agentic AI systems, full-stack web applications, and intelligent automation pipelines. MIT Energy & Climate Hackathon 2025 finalist. Youth Inspiration Award winner. Founder of FireCoders — a dev collective training the next generation of AI engineers. Guest Speaker at NIC Karachi, GIAIC, and SMIT.

EXPERIENCE

Founder & Lead AI Developer — FireCoders

2022 – Present

Karachi, Pakistan

- Architected and shipped multi-agent AI systems using LangChain, Agent SDK, and FastAPI for enterprise clients.
- Mentored 500+ students in AI/ML, Python, and full-stack development through bootcamps and workshops.
- Delivered production Next.js + FastAPI projects across e-commerce, HR tech, and environmental analytics verticals.

Guest Speaker & Mentor — NIC Karachi / GIAIC / SMIT

2023 – Present

- Delivered talks on Agentic AI in Enterprise, Building Production AI Agents with Python, and Full-Stack with Next.js & FastAPI.
- Conducted live coding workshops for 200+ attendees at each event.

TECHNICAL SKILLS

AI & Machine Learning

Python · LangChain · Agent SDK · OpenAI API · Gemini API · RAG · Crew AI · AutoGen

Backend & APIs

FastAPI · Django · PostgreSQL · Redis · Docker · Supabase · ChromaDB · Pinecone

Frontend & 3D

Next.js · React · Three.js · Framer Motion · TypeScript · Tailwind CSS

KEY PROJECTS

Biosverse AI

MIT Hackathon 2025 finalist · AI environmental analytics platform with autonomous agent workflows.

Agentic EMS

Multi-agent employee management system with natural-language HR interactions and real-time analytics.

Ayan Cosmetics

ayan-cosmetics.com

AI-powered luxury e-commerce platform with product recommendations and virtual try-on.

AI Todo Chatbot

todo-ai-chatbot-p3-v51h.vercel.app

LLM-driven conversational task manager.

Sajawat Home

sajawat-home-software.vercel.app

AWARDS & RECOGNITION

Youth Inspiration Award
Outstanding contribution to AI education · 2024

MIT Energy & Climate Hackathon — Finalist
Biosverse AI · 2025

Guest Speaker · NIC Karachi AI Summit
Agentic AI in Enterprise · 2024

Guest Speaker · GIAIC
Production AI Agents with Python · 2024

Technical Speaker · SMIT
Next.js & FastAPI Full-Stack · 2023

EDUCATION

GIAIC — AI & Cloud Computing

2023 – 2024

Governor Initiative · Karachi

Interior design and home décor planning platform.

Foods & Drink Delight
foods-and-drink-delight.vercel.app
Restaurant menu and food discovery platform.

Computer Science — Intermediate 2021 – 2023
Pakistan