

EMAN IQBAL

Full-Stack Developer | Agentic AI Engineering

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SUMMARY

Final-year Sociology student pursuing a career in technology, aiming to become a Backend and Agentic AI Engineer. Seeking an internship to gain professional experience, contribute to real-world projects, and grow as an engineer.

SKILLS

AI & Agent Engineering:

- OpenAI Agents SDK, RAG, LLM Orchestration

Backend:

- Python, PostgreSQL, Node JS, GitHub Actions (CI/CD)

Frontend:

- HTML, CSS, TypeScript, Next JS, Tailwind CSS, Bootstrap, Sanity CMS

Programming Languages:

- Python, TypeScript, JavaScript

PROJECTS

CRM Digital FTE Factory

GIAIC Advanced Hackathon

[GitHub](#)

- Engineered a customer support agent (OpenAI Agents SDK, Kafka, PostgreSQL) unifying Gmail, WhatsApp, and web-form ticket intake into one pipeline.
- Working locally in Docker; Kubernetes deployment in progress.

Personal AI Employee (Digital FTE)

GIAIC Advanced Hackathon

[GitHub](#)

- Designed a self-iterating agent with Claude Code and MCP servers; 3 Python watchers (Gmail, WhatsApp, filesystem) trigger actions automatically.
- Obsidian dashboard gives real-time visibility into agent decisions.

Humanoid Robotics Book + RAG AI Tutor

[Live Site](#)

- Built a 6-module, 24-week robotics curriculum (ROS2, NVIDIA Isaac, VLA) with Docusaurus.
- Embedded a RAG tutor (Cohere + Qdrant) grounded in book content, backed by FastAPI and Neon PostgreSQL.

TodoFlow: AI Task Manager

[Live Site](#)

- Developed a full-stack task manager (Next.js, FastAPI, PostgreSQL) exposing 12 REST endpoints across auth, tasks, and an AI chatbot.
- JWT-based auth via Better Auth; includes an analytics dashboard.

E-Commerce Storefront

Hackathon Project

[Live Site](#)

- Shipped a full-stack furniture storefront (Next.js, Sanity CMS, Clerk) across 6 product categories with a live cart and category search.

Open Source: TypeScript Packages

[npm Profile](#)

npm

- Published 12 TypeScript packages — OOP systems (ATM, bank, calculator, quiz) and CLI utilities (currency converter, word counter, todo list).

CERTIFICATIONS

Governor's Initiative for AI & Computing (GIAIC), Advanced Track

2024 – Present

Generative AI · Agentic AI · MCP Agents · RAG Systems · Next.js · TypeScript · Python · Docker

EDUCATION

BS Sociology — University of Karachi 2023 – 2026

Intermediate & Matriculation — Govt. Girls Higher Secondary School · 90.45% 2017 – 2021