MOHAMMAD HUZAIFA

Agentic AI Developer | Full-Stack Engineer | LLM Systems

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PROFESSIONAL SUMMARY

BSAI undergraduate (5th Semester) and Governor's Initiative scholar with 1+ year of hands-on experience building Agentic AI systems, LLM-powered applications, and production-ready full-stack web apps. Delivered 4 complete projects including 2 hackathon submissions and a live friend client website. Proficient in Python, TypeScript, Next.js, LangChain, LangGraph, and the OpenAI Agents SDK. Seeking a software or AI internship to contribute to real-world products and grow as an engineer.

EDUCATION

Bachelor of Science in Artificial Intelligence (BSAI)

SMI University Karachi — Currently in 5th Semester | Expected Graduation: 2028

AI, Web 3.0 & Metaverse Developer Certification

Governor's Initiative for AI, Web 3.0 & Metaverse — Batch 1 | Currently Enrolled

TECHNICAL SKILLS

Languages	Python, TypeScript, JavaScript
Frameworks	Next.js 16, LangChain, LangGraph
AI / LLM	OpenAI Agents SDK, LLM Concepts (Prompt Engineering, RAG, Tool-Calling, Agent Orchestration, Context Management), LangGraph State Machines, Numpy, Pandas, Scikit-learn
DevOps	Docker, Git, GitHub, Vercel
Databases	PostgreSQL (Neon Serverless), SQLModel
UI & Styling	Tailwind CSS v4, Framer Motion, Responsive Design

PROJECTS

Full-Stack Todo App — Hackathon II (GIAIC) · *Python · FastAPI · Next.js 16 · PostgreSQL · Docker · JWT* · hackathon-todoapp-five.vercel.app

- Built a multi-user task management app with secure JWT authentication, enabling full CRUD operations and per-user data isolation.
- Implemented service-oriented FastAPI backend with SQLModel ORM connected to Neon Serverless PostgreSQL; containerized with Docker Compose.
- Deployed to Vercel (frontend) with a live production URL within hackathon timeline.

AI Textbook Generator — Hackathon I (GIAIC) · *Python · FastAPI · RAG · Docusaurus · GitHub Pages* · huzaifaqazi.github.io/Hackathon_Book_Generated

- Generated a complete textbook on Physical AI & Humanoid Robotics using spec-driven development and AI-assisted content generation.
- Built a RAG-powered chatbot backend (FastAPI) enabling semantic Q&A over the generated textbook content. Published book with Docusaurus and deployed to GitHub Pages, making it publicly accessible.

Central Scents — Luxury Perfume E-Commerce (Friend Client) · *Next.js 16 · Tailwind CSS v4 · Framer Motion · Web3Forms · Vercel* · central-scents-perfume-store.vercel.app

- Designed and developed a premium brand showcase for a real client featuring parallax scroll, glass-morphism UI, and animated product pages.
- Implemented fully responsive multi-page site (Home, Products, Product Detail, Contact, About) with filterable product grid and client-side contact form.
- Integrated Web3Forms API for email submissions and deployed to Vercel with environment-variable management.

ThermalOS — Forty Guard Hackathon (Team Project) · *Python · FastAPI · Next.js · Docker* · github.com/MohammadHuzaifa-qazi/ThermalOS

- Collaborated in a team to build ThermalOS within a competitive hackathon format, contributing to both backend (Python/FastAPI) and frontend development.
- Applied rapid prototyping and team coordination skills to deliver a functional product under time constraints.

HACKATHONS & ACHIEVEMENTS

- GIAIC Hackathon II — Spec-Driven Full-Stack Development: Delivered complete Todo App with JWT auth, Docker, and Vercel deployment.
- GIAIC Hackathon I — Physical AI Textbook with RAG chatbot backend: Published live at GitHub Pages.
- Forty Guard Hackathon — Team collaboration: Built ThermalOS full-stack application.
- 99th Percentile, Grade A — Governor's Initiative for AI, Web 3.0 & Metaverse (Q3 Assessment).

CERTIFICATIONS

- Agentic AI & OpenAI Agents SDK — Governor's Initiative for AI, Web 3.0 & Metaverse
- LangChain & LangGraph for Agentic AI Workflows — Governor's Initiative

ADDITIONAL INFORMATION

- Machine Learning foundations: K-Nearest Neighbors, K-Means Clustering, Neural Networks, Linear & Logistic Regression.