

Zaheer Ahmed

Agentic AI Developer & Generative AI Engineer

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PROFILE

Ambitious AI engineer specializing in multi-agent systems, RAG pipelines, and cloud-native generative AI solutions. Proven track record in building scalable AI workflows using LangGraph, OpenAI Agents SDK, and FastAPI. Focused on creating impactful, autonomous systems that drive efficiency and innovation. Seeking roles in top AI organizations to contribute to cutting-edge research and deployment.

PROFESSIONAL EXPERIENCE

AI Engineer — Datasaz Solutions

2024 – Present

- Engineered generative AI applications and recommendation engines, improving user engagement by 25% through statistical ML models.
- Implemented agentic AI workflows with LangGraph and OpenAI Agents SDK, automating complex tasks in e-commerce platforms.
- Developed Java SpringBoot backend and Next.js frontend for scalable e-commerce systems, ensuring high availability and low-latency responses.

Software Developer (Internships & Part-Time) — Thunderbird Technologies

2024 – Present

- Built frontend and backend admin panels using NestJS, Next.js, and Hasura with GraphQL, reducing deployment time by 30%.
- Integrated AI chatbots and multimodal models, enhancing application interactivity for cross-platform (Android/iOS) development with React Native.
- Orchestrated web application deployments, focusing on secure API integrations and database optimization.

Freelance AI/ML Developer — Upwork, Fiverr, LinkedIn

2023 – Present

- Led a 4-member team at Datasaz Solutions Agency, delivering AI SaaS solutions with a focus on competitive pricing and high-quality service.
- Specialized in custom RAG-based chatbots and fine-tuned LLMs, achieving client satisfaction rates above 95%.

KEY PROJECTS

- Agentic AI Applications:** Designed autonomous reasoning agents using LangGraph and OpenAI Agents SDK, enabling self-optimizing workflows that reduced manual intervention by 40% in research tasks.

- **Research Agent Workflow:** Implemented a node-based pipeline (Search → Research → Analysis → QA → Synthesis) with CrewAI, processing unstructured data for real-time insights.
- **Interview Agent Workflow:** Created CV parsing and role-specific Q&A system, providing performance feedback with 85% accuracy in mock interviews.
- **AI-Powered Learning System:** Built a generative AI tool for concept explanations, quizzes, and feedback, leveraging multimodal models (CLIP) for enhanced user learning.
- **GANs Project:** Developed and demoed GANs for image generation, fine-tuning models to achieve high-fidelity outputs in reinforcement learning contexts.
- **Renograte® Real Estate Automation:** Automated IDX listings, CSV processing, and CMA reports using RAG pipelines, streamlining real estate workflows for efficiency gains.

TECHNICAL SKILLS

Python

FastAPI

NestJS

Next.js

React Native

LangGraph

LangChain

CrewAI

OpenAI Agents SDK

RAG Pipelines

LLMs & Multimodal Models

GANs & Reinforcement Learning

PostgreSQL & Hasura

AWS

Azure

Docker & Docker Compose

Firebase & Vercel

GraphQL

Data Structures & Algorithms

EDUCATION

B.Sc. in Artificial Intelligence — Arid Agriculture University, Rawalpindi 2022 – 2026

CGPA: 3.59 / 4.00

Key Courses: Artificial Intelligence, Machine Learning, Analysis of Algorithms, Parallel & Distributed Computing, Compiler Construction.

CERTIFICATIONS & LANGUAGES

- Microsoft Azure Fundamentals (AI Services)
- OpenAI Agents SDK & LangGraph Systems
- French: Beginner (Targeting B2 by December 2025)
- English: Fluent | Urdu: Native