

ZAHEER AHMED

Generative AI Engineer



Personal Details



Email Address

dev.zaheer.ahmad@gmail.com



Address

Rawalpindi, Pakistan

- [LinkedIn](#)
- [GitHub](#)
- [YouTube](#)

Skills

Programming languages:

- Python
- JavaScript
- TypeScript
- C++

Databases:

- PostgreSQL
- VectorDBs

Agentic Frameworks :

- Crewai
- Langgraph
- Openai Agent SDK

Soft skills:

- Communication
- Continuous learning
- Problem-solving
- Emotional Intelligence

Languages

- English
- French



Profile

Passionate Generative AI Engineer

- Specializes in **AI automation** and **intelligent systems** engineering, focusing on developing advanced AI-powered applications
- Expert in **LLMs**, **RAG pipelines**, and multimodal models (CLIP) for creating sophisticated AI solutions
- Proficient in building **autonomous AI agents** and integrating them with modern **APIs** and **microservices**
- Strong technical expertise in Docker and **FastAPI** for scalable AI system deployment
- Skilled in designing and implementing comprehensive AI platforms that enhance **agentic** workflows
- Engineered scalable **autonomous AI agents** integrated with 20+ external APIs.



Education

Sep 2022 – July 2026

Bachelor's degree, Artificial Intelligence
Arid Agriculture University, Rawalpindi

Jun 2023 – May 2025

President initiative of AI& Computing
Air University, Islamabad



Employment

Jul 2024 -Sep 2024

Software Developer
Thunderbird Technologies

Oct 2024 - Nov 2024

AI Engineer
DataSAZ Solutions,



PROJECTS

AUTONOMOUS RESEARCH AGENT:

Built an autonomous research agent using **Langgraph**, **OpenAI APIs**, and **Next.js** that independently gathers, analyzes, and synthesizes information. Implemented task decomposition, memory management, and recursive refinement for complex research tasks.

MULTI-AGENT WORKFLOW AUTOMATION :

Developed a system of cooperative AI agents using **CrewAI**, **FastAPI**, and **PostgreSQL** that automates business workflows. Agents handle task delegation, quality control, and inter-agent communication through a custom orchestration layer.

RAG-POWERED KNOWLEDGE BASE :

Created an intelligent document processing system using **LlamaIndex**, **Faiss**, **Langchain** and **Next.js**. Features hybrid search, contextual recommendations, and automated knowledge graph construction from unstructured documents.

AI AGENT MARKETPLACE :

Engineered a platform for creating and deploying custom AI agents using **React**, **FastAPI**, and **LangGraph**. Includes agent configuration tools, performance monitoring, and automated testing frameworks.