

Muhammad Zohaib

Generative AI Developer — AI Project Builder — Blockchain Explorer

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SUMMARY

Generative AI Engineer with strong foundations in LLMs, prompt engineering, and full-stack AI development. Experienced in developing intelligent tools for data-driven automation, document handling, and real-time user interaction. Adept at building secure, scalable systems with applications in cybersecurity, education, and healthcare tech environments.

EDUCATION

- **Quaid-e-Azam University, Islamabad** Sep 2021 – Sep 2025
BS Information Technology
- **Ali Trust College, Islamabad** Apr 2019 – May 2021
Intermediate (Pre-Engineering)

EXPERIENCE

- **National Center for Physics (NCP), Islamabad** Jul 2024 – Sep 2024
AI + Cybersecurity Technologist
 - Designed an AI-based report generation system that automated penetration testing summaries with GenAI.
 - Collaborated with Dr. Tanzil Murtaza (HOD IT) to build ML pipelines for security log analysis.
- **QAU Art Society** Sep 2023 – Sep 2024
Finance Secretary
 - Oversaw financial planning, event fund allocation, and successful budget execution for major events.
- **QAU Adventure Club** Sep 2024 – Jul 2025
Team Lead
 - Organized student-led excursions and ensured cost-effective planning with high student satisfaction.

PROJECTS

- **AI Interview Maestro** Jul 2025
 - Built an AI-powered platform that simulates technical interviews using voice and chat interfaces.
 - Used Django Channels and WebSockets for real-time streaming and LLM feedback.
 - **Tools:** Django, Python, Bootstrap, Channels, WebSockets, OpenAI API
- **AI-based Penetration Testing Report Generator** Jul 2024 – Sep 2024
 - Created a tool that transforms raw cybersecurity findings into natural language reports using GenAI.
 - **Tools:** Flask, Python, Firebase, OpenRouter API
- **EduVault 3.0** Jul 2024 – Jul 2025
 - Designed a decentralized academic record management system using Ethereum blockchain and IPFS.
 - **Tools:** Solidity, IPFS, MongoDB, React, MetaMask, EVM-compatible tools

TECHNICAL SKILLS

Languages: C++, Java, Python, JavaScript, Solidity, SQL

Frameworks: Flask, React, Django, Node.js, FastAPI

Concepts: OOPs, Data Structures, Algorithms, Design Patterns, Distributed Systems

AI/ML Tools: OpenAI API, HuggingFace, TensorFlow, scikit-learn

Blockchain: Ethereum, IPFS, Smart Contracts, MetaMask

Other: Git, Firebase, MongoDB, Docker, VS Code

CERTIFICATIONS

Prompt Engineering for LLMs – DeepLearning.AI, AI for Everyone – Andrew Ng, Artificial Intelligence – O.P. Jindal University, Solidity Mastery: Foundations to Advanced Smart Contracts – <packt>, Computer Networking – Ezxpert, Blockchain Specialization – INSEAD, AI Applications in Healthcare – Stanford Online, Full-Stack Web Development – Meta, Introduction to Generative AI – Google Cloud