

Huzaiifa Rashid

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SKILLS

Languages: Python, C++, JavaScript

Databases: SQL (PostgreSQL), NoSQL (ChromaDB/Pinecone)

Tools: TensorFlow, Scikit-learn, OpenCV, Hugging Face, Docker, Git/GitHub

EDUCATION

University of the Punjab Lahore

2022-2026

Bachelor of Science in Computer Science

EXPERIENCE

AI Engineer (Freelance)

Sep 2025 – Oct 2025

UPWORK

- Developed an AI-powered GitHub auditing tool by integrating static code analysis and PHI-2 to generate intelligent security and quality reports.
- Automated repository analysis workflows to detect security vulnerabilities, track code quality, and measure project completion metrics.

Web Developer (Internship)

June 2023 – Aug 2023

BIGIMMERSIVE

- Built responsive user interfaces and implemented front-end functionalities using React and JavaScript for diverse web applications.
- Collaborated with senior developers to deliver real-world projects, including e-commerce platforms and data visualization tools.

PROJECTS

eMCP Nexus (FYP) | *FastAPI, RAG, FAISS, Docker, MetaMask, Web3, Stripe*

- Developed a decentralized AI marketplace connecting engineers with users via a pay-per-task model, enabling instant monetization of Model Context Protocol (MCP) tools.
- Engineered a high-performance semantic search engine using **FAISS** and **Sentence Transformers** to retrieve tools based on user intent rather than keyword matching.
- Integrated a **Retrieval-Augmented Generation (RAG)** chatbot to provide real-time, context-aware support for tool selection and API integration troubleshooting.
- Built an automated deployment pipeline that parses linked GitHub repositories and instantly exposes them as executable API endpoints using **FastAPI** and **Docker**.

AI GitHub Auditor | *Python, GitHub API, Static Code Analysis*

- Built an AI-powered tool to audit GitHub repositories, detect security/code quality issues, and track project metrics.
- Integrated Bandit, ESLint and PyLint with PHI-2 to produce clear audit summaries and detailed recommendations.
- Designed a modular, plugin-ready architecture for future AI automation and reporting capabilities.

LegalSense | *Python, RAG, LangChain, GPT-4, Vector DB*

- Engineered a **Retrieval-Augmented Generation (RAG)** chatbot to serve as a legal advisor, delivering precise, context-aware answers by retrieving relevant legal precedents.
- Integrated **LangChain** and vector embeddings to index legal documents, significantly reducing hallucinations and ensuring accurate real-time document analysis.

Presence.AI | *Python, OpenCV, VGG, Tensorflow*

- Developed a face recognition system that marked attendance based on real-time image detection.
- Implemented advanced VGG models to improve recognition accuracy and avoid false entries.
- Created a GUI for user interaction and incorporated email notifications for low attendance.