

Aiza Shaukat

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SUMMARY

Final-year Computer Engineering student with experience in AI image generation using Stable Diffusion and automation workflows. Developed an AI-powered automated transcript verification system using LLaMA, DynamoDB, and FastAPI. Seeking a full-time role in AI-driven automation, machine learning, and workflow optimization.

EDUCATION

BS in Computer Engineering Aug 2021 - May 2025
Information Technology University (ITU), Lahore CGPA = 3.25
Relevant Coursework: Mobile App Development, Machine Learning, Cloud Computing, IoT Systems

Intermediate in Computer Science Sept 2019 - June 2021
Punjab Group of Colleges (PGC), Lahore Grade = A+

WORK EXPERIENCE

Teaching Assistant Sept 2024 - Dec 2024
Information Technology University (ITU), Lahore
Course: Climate Policy in a Comparative Perspective

Gen AI Intern – Qult Technologies May 2024 - Aug 2024
Cactus Lab, Information Technology University (ITU), Lahore
Focused on consistent character generation with Stable Diffusion

TECHNICAL SKILLS

Programming Languages: Python, C/C++, JavaScript
Web & Mobile Development: HTML, CSS, JavaScript, PHP, React Native
Software & Tools: MATLAB, Vivado, Scikit-learn, Pandas, Git, Firebase, AWS
Automation & AI: Agentic Workflows, Generative AI for Image Processing

PROJECTS

AI-Powered Automated Transcript Verification
Implemented an AI system for transcript verification using LLaMA and DynamoDB.
(Technologies: LLaMA, OCR, DynamoDB, Python)

Gmail AI Assistant with FAQ and Draft Generation
Built an AI-powered assistant to fetch unread Gmail messages, summarize content, match them with FAQs, generate intelligent responses, and save drafts automatically using LangGraph and OpenAI.
(Technologies: LangGraph, OpenAI GPT-4, Gmail API, Python, JSON)

Harnessing Transfer Learning for Plant Disease Detection
Utilized deep learning models to automate the detection and classification of plant diseases.
(Technologies: Transfer Learning, CNNs, Python)

Hospital Management System (Web-Based)
Developed a web application for hospital management with integrated database support.
(Technologies: Web Development, MySQL, PHP/Python)