

AYESHA ZAFAR — Software Engineer

Lahore, Pakistan

GitHub: <https://github.com/Ayesha-Zafar-03>

LinkedIn: <https://www.linkedin.com/in/ayesha-zafar03>

Kaggle: <https://www.kaggle.com/ayeshayzafar>

PROFILE

Ayesha Zafar is a BSc Software Engineering student passionate about Artificial Intelligence, Machine Learning, and data-driven systems. She has experience building AI applications, predictive models, dashboards, and RAG-based chatbots using Python, Streamlit, and LLMs. She is a NASA Space Apps Challenge participant with hands-on project experience in AI and data analytics.

EDUCATION

Bachelor of Science in Software Engineering

University of Management and Technology (UMT), Lahore, Pakistan

October 2022 – August 2026

CGPA: 3.71 / 4.0

AWARDS AND ACHIEVEMENTS

Merit-Based Scholarship (80% Tuition Fee Waiver) – UMT

Rector's Merit Award (Fall 2024) – 4.0 / 4.0 GPA

WORK EXPERIENCE

Data Science Intern — 10Pearls (June 2025 – August 2025)

Independently managed an end-to-end data science project.

Performed real-world data handling, preprocessing, and analysis.

Delivered stakeholder presentations explaining methodology and insights.

Internship post:

https://www.linkedin.com/posts/ayesha-zafar03_10pearls-datascience-internship-activity-7369366893406740480-25Wy

MAJOR PROJECTS

AQI Prediction System — Multan

GitHub: <https://github.com/Ayesha-Zafar-03/AQI-PREDICTION>

Live App: <https://aqi-prediction-hmnwsdviqmzbdcsdvrpnt.streamlit.app/>

BioOrbit — NASA Space Biology Knowledge Explorer

GitHub: <https://github.com/Ayesha-Zafar-03/BioOrbit>

Live App: <https://bioorbit.streamlit.app/>

Hackathon Post:

https://www.linkedin.com/posts/ayesha-zafar03_nasaspaceapps-hackathon-ai-activity-7380668392665661440-bXEn

AI Diet Planner

Hugging Face App: <https://huggingface.co/spaces/Ayesha-Zafar-03/AI-DIET-PLANNER>

Ayesha's Career Chatbot (RAG System)

GitHub: <https://github.com/Ayesha-Zafar-03/ayeshay-career-chatbot>

Live App: <https://ayeshay-career-chatbot.streamlit.app/>

TECHNICAL SKILLS

Machine Learning & Data Science: scikit-learn, Pandas, NumPy, Matplotlib, Seaborn, SHAP

Generative AI: LLMs (Groq, LLaMA-3), RAG, LangChain, ChromaDB, embeddings, prompt engineering

Programming: Python, Java, C++, C, MATLAB, Bash

Web & App: HTML, CSS, JavaScript, Bootstrap, Streamlit

Cloud & Deployment: Streamlit Cloud, Hugging Face Spaces, basic Docker

CERTIFICATIONS

Generative AI Application Developer — NCEAC-HEC (Top Performer)

Certificate: https://quiz.ideagist.com/ideagist-certificate/?cert_hash=76b4f1469fa9b490

Business Communication and AI for Professionals — LUMSx

<https://www.linkedin.com/in/ayesha-zafar03/details/certifications/1765604165712/>

VOLUNTEERING

Volunteer — Grand Iftar Drive (UMT)

Volunteering link:

<https://www.linkedin.com/in/ayesha-zafar03/details/volunteering-experiences/1750227477484/>