

Muzamil Zaman

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OBJECTIVE

Software Engineer with expertise in Machine Learning, Deep Learning, and Large Language Model. Proven track record in competitive programming and research with top ML competition rankings.

EDUCATION

The University of Lahore

Lahore, Pakistan

2023 – 2027

Bachelor of Science in Software Engineering, GPA: 3.20

- Coursework: Data Structures, ML/DL, Software Engineering, Database, OS

SKILLS

Languages: C++, Python, JavaScript, HTML, CSS, SQL

ML/AI Tools: Deep Learning, NLP, Computer Vision, Data Science, Gen AI, Model Quantization

Development Tools: Git, GitHub, VS Code, Jupyter, Google Colab, SQLite, SQL,

Soft Skills: Team Collaboration, Problem Solving, Research, Leadership, Communication, Project Management

PROJECTS

Petrol Pump Management System / Database, Mysql, Php, HTML, CSS

2025

A web-based application designed to automate and streamline petrol pump operations.

It manages fuel inventory, tracks daily sales, handles employee shifts, and generates comprehensive reports for efficient and transparent management

Pharmacy Management System / OOP, C++, File Handling

2025

An object-oriented program designed to manage a pharmacy's inventory.

It uses classes for Medicine, Supplier, and Stock to track drug details, manage supplier information, handle sales, and automatically alert staff about low-stock items or approaching expiry dates

Crop Recommendation / Python, PyTorch, QLoRA, LLaMA 2

2025

A data-driven system that recommends the most suitable crop to grow from 22 different types.

It analyzes environmental factors like soil nutrients (N, P, K), temperature, humidity, and rainfall to make predictions.

The project compares models like KNN and Decision Trees, finding that KNN provides the highest accuracy for this task

CERTIFICATIONS

Machine Learning Specialization - Coursera (Andrew Ng) / Deep Learning Specialization – Coursera

Data Scientist in Python - DataCamp / MLOps Bootcamp with 10+ End-to-End ML Projects