

ALI MUHAMMAD

AI / ML Engineer | Full Stack Web Developer

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House # 24, Block E, Johar Town, Lahore, Pakistan

CAREER OBJECTIVE

Enthusiastic AI/ML Engineer and Web Developer eager to leverage skills in machine learning and full-stack development to create innovative solutions. Passionate about building intelligent systems and contributing to impactful projects.

EDUCATION

National University of Computer and Emerging Sciences

Bachelors in Artificial Intelligence | 2023-2027

GPA: 2.96

Roots International Schools and Colleges

A Levels | 2021-2023

SKILLS

- | | | |
|------------------------------|-----------------|---------------|
| • Machine Learning | Model Training | AI |
| • Deep Learning | Computer Vision | Communication |
| • Full Stack Web Development | | |

WORK EXPERIENCE

State-Life Insurance Corporation of Pakistan | AI Intern

June 2025 - September 2025

- Led development of production-grade AI solutions for healthcare, combining deep learning, medical imaging, and clinical NLP to automate real-world workflows.
- Designed and deployed a multilingual speech enhancement, noise reduction, and transcription system using OpenAI Whisper and DeepFilterNet, improving accuracy by 80% across English, Urdu, Pashto, and Punjabi, while reducing documentation time by 75%.
- Engineered a DICOM compression pipeline using Python and pydicom, achieving 100x file size reduction and cutting storage costs by over 90% without losing diagnostic fidelity.

PROJECTS

- Developed a full-stack restaurant management system using Flask and SQL.
- Built an autonomous Street Fighter game bot using a Multi-Layer Perceptron (MLP) neural network to mimic human-level gameplay.

ACHIEVEMENTS / EXTRACURRICULAR ACTIVITIES

- Dean's List
- Cricket

REFERENCES

Available upon request.

