

MOIZ UR REHMAN

AI | ML | NEURAL NETWORKS | DATA ANALYSIS | SQA

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SUMMARY

Tech enthusiast and determined with a strong passion for Artificial Intelligence, Machine Learning and Data Analysis. Highly adaptable, quick to learn new technologies, and motivated by the potential of AI to solve complex problems once thought impossible. Driven, curious, and committed to continuous growth in the ever-evolving tech landscape.

EDUCATION

Data Analytics

Jun 2025 - Present

Institute of Emerging Careers

Bachelors of Science in Software Engineering

Oct 2021 - Jun 2025

Institute of Management Sciences, Peshawar (IMISciences)

TECHNICAL SKILLS

Python

PyTorch

Simulink

SQL

Asana

C++

TensorFlow

Packet Tracer

Multisim

Postman

Java

MATLAB

Power BI

Jira

PROFESSIONAL EXPERIENCE

Software Engineer (Freelance)

Sept 2024 - Present

Self-Employed

- **Jira & Asana:** Managed project workflows, tracked defects, and coordinated testing tasks to maintain transparency and efficiency across teams.
- **Postman:** Designed and executed API test cases, created automated test collections, validated JSON/XML responses, and documented results to support development and QA teams.

Machine Learning Engineer

August 2024 - March 2025

DevMind

- Designed, trained, validated, and deployed various supervised and unsupervised machine learning models to solve real-world problems.
- Cleaned and processed raw data to ensure quality, consistency, and readiness for splitting into training and testing datasets.
- Evaluated model performance using key metrics such as precision, recall, F1-score, and RMSE to ensure accuracy and reliability.
- Fine-tuned hyperparameters and applied optimization techniques such as Gradient Descent to improve model accuracy, efficiency, and generalization.

PROJECTS

Sunshine Rental Service

Contributed to the development of a full-featured mobile application for **Sunshine Passengers Transport LLC (Dubai)** that enables users to purchase or rent vehicles, including optional chauffeur services, register their own vehicles for lease-based rentals. Integrated a machine learning-powered recommender system that suggests fair market prices for vehicle purchases and rentals.

Tools Used:

- Flutter, Node.js, Python, MongoDB

Hand Detection Tracker

Built a real-time hand detection and tracking system for gesture-based interaction applications. Achieving robust real-time detection and gesture tracking for human-computer interaction applications and enabling gesture recognition, with applications in AR/VR interfaces and touchless control systems.

Tools Used:

- MediaPipe, OpenCV

OrangeHRM Web App Testing (Dummy Project)

- Prepared functional test cases for employee management and login modules.
- Logged 10+ defects with detailed reproduction steps and screenshots in Jira.
- Automated login test using Selenium WebDriver (Java, TestNG).
- Performed API testing in Postman for employee records and authentication endpoints, validating response codes and data integrity.

Tools Used:

- Jira, Selenium WebDriver, Java, TestNG, Postman