Muhammad Rizwan

AI/ML ENGINEER | PYTHON DEVELOPER

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Summary

Detail-oriented and passionate AI/ML Engineer with strong expertise in Python, Machine Learning, and end-to-end deployment of intelligent systems. Experienced in building data-driven applications using Django, Flask, and Streamlit, with a solid background in computer vision, API integration, and cloud deployment. Committed to delivering impactful AI solutions and eager to grow in innovative and growth-driven environments.

Experience

At Ezitech Software House, I contributed to real-world AI projects by developing production-grade models and deploying intelligent systems. I implemented real-time object detection using YOLOvX and OpenCV, developed RESTful APIs with Flask, and created Streamlit applications for interactive user experiences. My work included an AI-powered Fruit & Vegetable Quality Checker and an NLP-based Sentiment Analyzer, reflecting my strong foundation in both deep learning and backend systems.

Education

Bachelor, Software Engineering, Islamia University Bahawalpur, Bahawalpur

January 2025 — January 2025

Links

LinkedIn   Github

Skills

Python	Machine Learning
AI Automation	Deep Learning
Computer Vision	Data Analysis
Effective Communication	

Internships

Machine Learning Intern, Ezitech Software House, Rawalpindi, Pakistan

May 2024 — August 2025

- Built and trained ML/DL models for real-time object detection and classification using YOLOvX and OpenCV.
- Developed interactive Streamlit applications and deployed them on Streamlit Cloud.
- Created and consumed REST APIs for AI model serving using Flask.

- Collaborated with the engineering team to optimize data pipelines and enhance inference speed.
- Contributed to AI projects like a Fruit & Vegetable Quality Checker and an NLP-based Sentiment Analyzer.

Courses

Intro to Machine Learning , Kaggle

January 2024 — March 2025

Machine Learning & Deep Learning Internship , Ezitech Institute

May 2024 — August 2025

Hobbies

I am passionate about exploring and implementing new AI technologies in daily tasks while staying updated with the latest advancements in machine learning and computer vision. I actively contribute to open-source projects on GitHub and share my insights by writing technical articles on Medium, aiming to make AI more accessible and practical for others.

Languages

Urdu

English