Yasir Wali

✉ yasirwali301302@gmail.com 📞 +92 3350926723 in LinkedIn ⌂ GitHub ⊕ Portfolio 📍 Islamabad, Pakistan

Summary

AI/ML Engineer skilled in building scalable machine learning systems and deploying end-to-end pipelines using MLOps tools such as Docker, Git, and AWS. Experienced in Generative and Agentic AI, leveraging LLMs, LangChain, and LangGraph to develop autonomous, reasoning-driven AI solutions.

Work Experience

- **Data Science Intern — 10Pearls Pakistan**   **Sept 2025 – Nov 2025**
  - Developing an Air Quality Index prediction system using real-time API data and machine learning.
  - Implementing CI/CD pipelines for continuous integration, model retraining, and deployment.
- **AI/ML Intern — Siber Koza Alpha (NASTP)**   **July 2025 – Sep 2025**
  - Built LangGraph-based agent workflow to detect and manage cyberattacks.
  - Created RAG chatbot with LangChain and LLaMA 3 for accurate, explainable answers.

Education

BSc Artificial Intelligence   **(NUML), Islamabad**   **Jan 2022 – Jan 2026**

- Relevant Coursework: NLP, Computer Vision, Data Mining, Big Data Systems
- GPA: 3.3/4.00

Projects

- **Final Year Project — AI Virtual Try-On System**   ⌂
  Developed a deep learning-based virtual try-on system using computer vision to digitally overlay outfits on users. Implemented pose estimation and garment warping for realistic fitting, enabling users to virtually try outfits before purchase and enhancing online fashion experience.
- **Phishing-and-DDoS-Detection-Agent**   ⌂
  Real-time AI-powered system for detecting phishing emails and DDoS attacks using VirusTotal API, heuristic rules, and LLM-based pattern recognition. Provides actionable alerts and automated reporting for enhanced cybersecurity monitoring.
- **Skin Cancer Classification using EfficientNetB7**   ⌂
  Implemented transfer learning with EfficientNetB7 to classify skin lesions as Malignant or Benign. Trained on a large Kaggle dataset with TensorFlow/Keras, achieving high accuracy and aiding in early disease detection.
- **Air Quality Index Prediction System (Islamabad)**   ⌂
  Developed a machine learning pipeline to forecast AQI using real-time API data and feature engineering with Hopsworks Feature Store. Integrated CI/CD pipelines for automated retraining, improving prediction reliability and public awareness of air quality levels.

Technical Skills

- **Languages & Tools**: Python, SQL, TensorFlow, PyTorch, Scikit-Learn, Streamlit, FastAPI, MLflow, Git, GitHub Actions, Docker, Azure, AWS
- **Techniques**: Machine Learning, Deep Learning, Computer Vision, NLP, Generative AI, Model Deployment
- **Soft Skills**: Problem Solving, Team Collaboration, Communication

Certifications

- **Oracle Cloud Infrastructure 2025 Data Science Professional**   ⌐
- **Oracle Cloud Infrastructure Generative AI Professional**   ⌐
- **Complete Generative AI with LangChain and HuggingFace – Krish Naik**   ⌐