Yasir Wali
AI/ML Engineer

✉ 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 (Remote)**   September 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 (Onsite)**   July 2025 – September 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   Expected 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. The model enhances online fashion experiences by enabling realistic garment fitting and visualization.
- **Phishing-and-DDoS-Detection-Agent**   ⌂
  Real-time AI-powered system that detects phishing emails and DDoS attacks using VirusTotal, rule-based analysis, and LLM-driven pattern recognition.
- **Skin Cancer Classification using EfficientNetB7**   ⌂
  Uses EfficientNetB7 with Transfer Learning to classify skin cancer images as Malignant or Benign. Trained on Kaggle dataset using TensorFlow/Keras in Google Colab.
- **Search Engine Agent**   ⌂
  Built an intelligent Streamlit chatbot using LangChain and LLaMA 3 for real-time Web, Wikipedia, and ArXiv search, providing concise and context-aware responses.

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 (LLMs, LangChain, LangGraph, Prompt Engineering), Model Deployment, Data Preprocessing
- **Soft Skills**: Problem Solving, Team Collaboration, Communication, Adaptability, Time Management

Certifications

- **Oracle Cloud Infrastructure 2025 Data Science Professional (1Z0-1110-25)**   ⬏ (Oracle)
- **Oracle Cloud Infrastructure Generative AI Professional**   ⬏ (Oracle)
- **Complete Generative AI with LangChain and HuggingFace by Krish Naik**   ⬏ (Udemy)