

# Yasir Wali

## AI/ML Engineer

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## 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

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## Work Experience

- Data Science Intern — 10Pearls Pakistan (Remote)** September 2025 – Present
  - 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.




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## Education

- BSc Artificial Intelligence** (NUML), Islamabad Expected 2026
- Relevant Coursework: NLP, Computer Vision, Data Mining, Big Data Systems
  - GPA: 3.3/4.00

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## 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.




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## 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

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## 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)