

Aiden Tariq

ML Researcher — Dubai, UAE

Email: aiden.tariq15@example.com | Phone: +971581923232

Professional Summary

Experienced ML Researcher with a strong track record of building production-grade machine learning systems, from data engineering and model training to deployment and monitoring. Skilled in both research prototyping and scalable MLOps practices. Proven ability to lead cross-functional teams and deliver business impact.

Technical Skills

Data Visualization (Matplotlib/Seaborn), NLP (BERT, GPT), CI/CD (Jenkins/GitHub Actions), DVC, Anomaly Detection, NoSQL (MongoDB), Time Series, Pandas, PyTorch

Professional Experience

NLP Engineer — VisionaryTech (1 yrs)

- Built recommendation system using collaborative filtering + content-based features; increased CTR in A/B test by 12%.
- Led an end-to-end image segmentation project for medical imagery; built data pipeline, trained U-Net variants, and reduced labeling time by 40%.
- Deployed scalable inference service on AWS with autoscaling, containerization (Docker), and serverless endpoints; reduced latency to <120ms.
- Designed and implemented an anomaly detection system for fraud detection using autoencoders and XGBoost for post-filtering.

ML Researcher — AIWorks (1 yrs)

- Built recommendation system using collaborative filtering + content-based features; increased CTR in A/B test by 12%.
- Optimized model inference using TensorRT and mixed precision; achieved 2.5x throughput improvement on GPU.
- Architected resume-parsing NLP pipeline using transformer-based models, custom NER, and rule-based post-processing to extract structured candidate data.
- Led an end-to-end image segmentation project for medical imagery; built data pipeline, trained U-Net variants, and reduced labeling time by 40%.

Selected Projects

- Deployed scalable inference service on AWS with autoscaling, containerization (Docker), and serverless endpoints; reduced latency to <120ms.
- Implemented knowledge distillation to create lightweight transformer models for edge deployment with 3x speedup.

Education

PhD Candidate in Machine Learning — Research Institute (ongoing)

Certifications

- Certified Kubernetes Application Developer (CKAD)

Languages

Arabic (Native), English (Fluent)

Generated sample resume — 2025-09-30