

Lina Alami

MLOps Engineer — Amman, Jordan

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Professional Summary

Experienced MLOps Engineer 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

AWS (S3, EC2, SageMaker), Azure ML, TensorFlow, PyTorch, Linux, Anomaly Detection, NumPy, Spark, CUDA, Computer Vision (YOLO, Detectron2), Kafka, Keras

Professional Experience

MLOps Engineer — EdgeAI Solutions (2 yrs)

- Architected resume-parsing NLP pipeline using transformer-based models, custom NER, and rule-based post-processing to extract structured candidate data.
- Designed and implemented an anomaly detection system for fraud detection using autoencoders and XGBoost for post-filtering.
- Optimized model inference using TensorRT and mixed precision; achieved 2.5x throughput improvement on GPU.

ML Researcher — Nova Analytics (3 yrs)

- Designed and implemented an anomaly detection system for fraud detection using autoencoders and XGBoost for post-filtering.
- Fine-tuned multilingual speech recognition model (wav2vec2) for domain-specific calls with 5% error reduction.

AI Engineer — EdgeAI Solutions (3 yrs)

- Implemented knowledge distillation to create lightweight transformer models for edge deployment with 3x speedup.
- Implemented continuous training pipeline using DVC and GitHub Actions to automate model retraining and versioning.

Selected Projects

- Led an end-to-end image segmentation project for medical imagery; built data pipeline, trained U-Net variants, and reduced labeling time by 40%.
- Fine-tuned multilingual speech recognition model (wav2vec2) for domain-specific calls with 5% error reduction.
- Optimized model inference using TensorRT and mixed precision; achieved 2.5x throughput improvement on GPU.

Education

BSc in Computer Science — National University, 2014

Certifications

- Google Cloud Professional Data Engineer

Languages

French (Conversational), Arabic (Native)

Generated sample resume — 2025-09-30