Lina Najjar

Senior AI Engineer — Remote
Email: lina.najjar9@example.com | Phone: +971566203503

Professional Summary

Experienced Senior AI 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, NumPy, Linux, Data Visualization (Matplotlib/Seaborn), GCP (BigQuery), API Development (FastAPI), CI/CD (Jenkins/GitHub Actions), Time Series, scikit-learn, NLP (BERT, GPT)

Professional Experience

Senior AI Engineer — EdgeAI Solutions (2 yrs)
• Optimized model inference using TensorRT and mixed precision; achieved 2.5x throughput improvement on GPU.
• Designed and implemented an anomaly detection system for fraud detection using autoencoders and XGBoost for post-filtering.
• Architected resume-parsing NLP pipeline using transformer-based models, custom NER, and rule-based post-processing to extract structured candidate data.

NLP Engineer — MachineSense (1 yrs)
• Deployed scalable inference service on AWS with autoscaling, containerization (Docker), and serverless endpoints; reduced latency to <120ms.
• Built recommendation system using collaborative filtering + content-based features; increased CTR in A/B test by 12%.
• Implemented knowledge distillation to create lightweight transformer models for edge deployment with 3x speedup.

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%.
• Optimized model inference using TensorRT and mixed precision; achieved 2.5x throughput improvement on GPU.
• Implemented knowledge distillation to create lightweight transformer models for edge deployment with 3x speedup.

Education

MSc in Computer Science, Machine Learning Track — University of Technology, 2019

Certifications

• TensorFlow Developer Certificate
• Coursera: Deep Learning Specialization

Languages

Arabic (Native), English (Fluent)

Generated sample resume — 2025-09-30