

Farah Bahri

AI Engineer — Dubai, UAE

Email: farah.bahri19@example.com | Phone: +971527609758

Professional Summary

Experienced 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

Reinforcement Learning, TensorFlow, AutoML, Time Series, Python, NoSQL (MongoDB), scikit-learn, SQL, API Development (FastAPI), Pandas, MLflow

Professional Experience

AI Engineer — MachineSense (4 yrs)

- Fine-tuned multilingual speech recognition model (wav2vec2) for domain-specific calls with 5% error reduction.
- Built recommendation system using collaborative filtering + content-based features; increased CTR in A/B test by 12%.

Senior AI Engineer — DeepSystems (2 yrs)

- Fine-tuned multilingual speech recognition model (wav2vec2) for domain-specific calls with 5% error reduction.
- Built recommendation system using collaborative filtering + content-based features; increased CTR in A/B test by 12%.
- Implemented continuous training pipeline using DVC and GitHub Actions to automate model retraining and versioning.

Selected Projects

- 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.
- Architected resume-parsing NLP pipeline using transformer-based models, custom NER, and rule-based post-processing to extract structured candidate data.
- Optimized model inference using TensorRT and mixed precision; achieved 2.5x throughput improvement on GPU.

Education

PhD Candidate in Machine Learning — Research Institute (ongoing)

Languages

Arabic (Native), English (Fluent)

Generated sample resume — 2025-09-30