

Youssef Bedeer

AI/ML ENGINEER

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Profile

As a Junior AI Engineer, I specialize in building end-to-end machine learning systems that deliver impactful solutions. My expertise spans from data preparation and model training to deployment using technologies like FastAPI and Docker. Committed to creating production-ready systems, I focus on achieving business objectives through reliable and maintainable ML applications.

Technical Skills

- **Python & Machine Learning** (modeling, evaluation, optimization)
- **Deep Learning & NLP** (Transformers, Embeddings, RAG)
- **LLM Frameworks** (LangChain, LangGraph)
- **MLOps & Experiment Tracking** (MLflow, DVC, CML)
- **Deployment & Version Control** (FastAPI, Docker, GitHub)
- **Data & Systems** (SQL, data pipelines, cloud fundamentals)

Projects

Telco Customer Churn Prediction – End-to-End ML System with MLOps

Designed and deployed an end-to-end customer churn prediction system that transforms customer data into actionable risk insights, enabling proactive retention strategies through automated ML pipelines, MLOps workflows, and scalable API deployment using FastAPI, Docker, MLflow, and AWS.

[\(Project Link\)](#)

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Education

Bachelor of Science (B.Sc.) in Computer Science, 2025
Port Said University