

Mahmoud Ayman Abdelmohsen

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Professional Summary

Electronics & Communication Engineering student (expected graduation 2026), aspiring AI/ML engineer. **100+ freelance projects** (web + ML) for Saudi clients. AI & ML diploma; CEO at Swift Technology.

Professional Experience

NLP Intern (Remote), Elevvo Feb 2026 – Present
Sentiment analysis, QA (SQuAD), resume screening; Flask/Express APIs. **Tools:** Hugging Face, scikit-learn, NLTK.

Chief Executive Officer (Part-time), Swift Technology – Remote (Ontario, Canada) Nov 2023 – Present
Remote team; web and AI solutions for international clients (part-time).

Freelance Web Developer & Jr. ML Engineer, Upwork | Khamsat | Mostaq – Jan 2022 – Present
Remote
100+ projects (Laravel, responsive UI) for Saudi clients; ML model & prototypes; **20+ production sites, 95%+** satisfaction.

Education

Bachelor's in Electronics & Communication Engineering Aug 2021 – Aug 2026
Al Safwa High Institute of Engineering – New Obour City (Expected Aug 2026)

AI & Machine Learning Diploma, AMIT Learning – Maadi, Cairo Dec 2024 – Dec 2025
NLP, CV, LLMs, Generative AI; PyTorch, TensorFlow, Keras.

Technical Skills

ML/DL: Supervised/Unsupervised Learning, CNNs, RNNs, LSTMs, Transformers, GANs, Transfer Learning | **Computer Vision:** Object Detection, Segmentation, OpenCV | **NLP:** BERT, GPT, LLMs, Sentiment Analysis

Programming: Python, SQL | **Frameworks:** PyTorch, TensorFlow, Keras, scikit-learn, FastAPI, Flask, Hugging Face, OpenCV | **Software:** Git, CI/CD, REST APIs, Design Patterns | **Data:** SQL, Pinecone, FAISS; MLOps (versioning, deployment)

Featured Projects

Blood Cell Diagnostics

+95% accuracy on **17K+ images** (8 classes) via custom PyTorch CNN; Flask API/UI, containerized deploy. **Tools:** Python, PyTorch, OpenCV, Flask, Railway

Resume Screening Using NLP

Resume screening with Flask API; job matching via SentenceTransformer + cosine similarity; skill extraction and ranking from PDF/DOCX. **Tools:** Python, Flask, SentenceTransformers

Certifications

Building LLM Applications With Prompt Engineering, NVIDIA Feb 2026

Machine Learning with Python, IBM via Coursera Jul 2025

Deep Learning with Keras and TensorFlow, IBM via Coursera Aug 2025

Introduction to Neural Networks and PyTorch, IBM via Coursera Jul 2025

Artificial Intelligence Engineer, Coursera

Hackathon & Competitions

Cairo AI Hackathon, Athar Accelerator & Plan International Egypt 19–21 Dec 2025
Team project; refined product idea, business model, and value proposition under mentorship. Collaborated under pressure; networked with mentors and peers.

Languages

Arabic: Native | **English:** Professional working

Additional Information

Portfolio: mahmoudayman.me | **Upwork:** [Profile](#) | **Availability:** Full-time (post-graduation) or internship