

Abdallah Khaled Youssef

Software Engineer | Full-Stack & AI

CONTACT

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TECHNICAL SKILLS

- Languages: JavaScript, TypeScript, Python, SQL
- Frontend: React, Next.js, HTML5, CSS3
- Backend: Node.js, Express.js, REST APIs
- AI & Data: Scikit-learn, Pandas, RAG
- Databases: PostgreSQL, MySQL, MongoDB
- Tools: Git, GitHub, Docker, Postman

LANGUAGES

- Arabic (Native)
- English (Fluent)
- German (Basic)



PROFILE

Computer Engineering graduate building complete software products across the frontend and backend, and at the intersection with AI. I enjoy designing APIs, working with databases, and applying machine learning and retrieval systems where they make a product better.



WORK EXPERIENCE

Data Analyst Intern — ATS Company

Jun 2025 – Aug 2025

- Cleaned and consolidated records from several sources in Python and Excel.
- Automated a weekly reporting step that had previously been done by hand.

Data Science Intern — MTS Company

Jun 2024 – Aug 2024

- Built and compared several Scikit-learn models, then selected the best.
- Reached 95% accuracy through preprocessing and feature engineering.

Software Engineer Intern — Global Knowledge

Jun 2023 – Aug 2023

- Built features and fixed defects in an existing production codebase.
- Applied OOP and debugging practices to maintain shared components.



PROJECTS

JourneyJot React.js, Node.js, Express.js, MongoDB, REST APIs
Built a full-stack travel booking platform allowing users to browse and book travel services

Airline-Graph-RAG-Assistant Python, Neo4j, RAG, Embeddings
Built a knowledge-graph retrieval system over Neo4j that answers airline analytics questions

Football-AI-Assistant Next.js, NestJS, OpenAI APIs
Developed an AI-powered football assistant that answers football-related questions



EDUCATION

German University in Cairo (GUC) Sep 2021 – Jun 2026

B.Sc. in Computer Engineering
GPA: 2.29/5.0 German scale (1.0 = best) ≈ 3.1/4.0 US
Overall Grade: Very Good
Graduation Project: Microarray Gene Classification — 97% accuracy (Excellent)