

Youssef Ramadan Youssef

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Full-Stack Software Engineering student experienced in designing, building, and deploying production-ready web applications using MERN and Django stacks. Strong focus on RESTful APIs, authentication systems, database design, and scalable frontend architecture. Comfortable owning features end-to-end from backend logic to responsive user interfaces.

Education

Bachelor of Engineering in Computer Engineering

Modern Academy for Engineering and Technology — 2023 – 2027

Relevant Coursework:

Software Engineering, Web Development, Database Systems, Operating Systems, Data Structures & Algorithms

Projects

u-store — Full-Stack MERN Application [GitHub](#) | [Live Demo](#)

- Built a full-stack digital marketplace using **MongoDB, Express.js, React, and Node.js**
- Designed RESTful APIs for products, users, and orders with secure JWT-based authentication
- Implemented role-based admin panel for managing products, categories, users, and orders
- Deployed frontend and backend with production configuration and environment separation

SocialNest — Full-Stack Django Web Application [GitHub](#) | [Live Demo](#)

- Developed a social media platform using **Django and SQLite3**
- Implemented custom user profiles, follower/following system, and post feeds with media uploads
- Built secure authentication flows, permission-protected views, and profile management features
- Designed responsive UI and deployed the application online

Social Media Addiction Predictor — Data-Driven Web App [GitHub](#) | [Live Demo](#)

- Built a data-driven web application using **Python and Streamlit** to predict behavioral risk scores
- Integrated a trained regression model into an interactive user interface for real-time predictions

Experience

Software Engineering Trainee — AMIT Learning - July 2025

- Built and deployed a predictive web application integrating data preprocessing, model logic, and UI
- Applied feature engineering and model evaluation techniques on real-world datasets
- Delivered a complete capstone project as part of an industry-focused training program

Python Programming Intern - July 2024

- Learned and applied core Python concepts including data types, functions, loops, and OOP.
- Gained hands-on experience using **pandas**, **NumPy**, and **matplotlib** for data analysis tasks.

Embedded Systems Intern - Sep 2023

- Designed and simulated electronic circuits using **Arduino** and **EAGLE**
- Built basic hardware systems and explored browser-based monitoring interfaces

Skills

Languages

JavaScript, TypeScript, Python, C++, MATLAB, Lua

Frontend

React, Redux, HTML, CSS

Backend

Node.js, Express.js, Django, RESTful APIs

Databases

PostgreSQL, MySQL, MongoDB, SQLite

Tools

Git, GitHub, Docker, Postman

Certificates

Meta Front-End Developer Professional Certificate (*In Progress*)

Meta Back-End Developer Professional Certificate — [Credential](#)

EF SET English Certificate (C1 Advanced) — [Credential](#)

Languages

- **Arabic:** Native Speaker
- **English:** C1 Advanced (EF SET - Full 4-Skills, 90-Minute Test)