

MAZEN WAEI

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Software Engineer

Hello!

I'm Mazen Wael, a passionate Software Engineer and Full-Stack Engineering intern at ALX-Africa.

With expertise in backend development, programming, DevOps, and IT, I thrive on creating impactful projects like MarketMate, TechHub, and Airbnb-clone.

Committed to continuous learning, I stay updated with the latest industry trends and embrace new challenges to grow personally and professionally.

Let's connect and collaborate!

Experiences

alx_africa, Egypt

Sep 2023 - Nov 2024

Software Engineer, Cairo

- As a passionate developer, I've completed a comprehensive training journey through multiple sprints, refining my skills across a range of technologies.
- From mastering low-level C concepts, including memory management and data structures, to diving into high-level development with Python, web technologies, and SQL databases, I've built a solid foundation.
- In DevOps, I've gained expertise in server management, networking, and deployment, with hands-on experience using tools like Nginx, and Flask.
- I'm currently specializing in back-end development, focusing on advanced MySQL, JavaScript (ES6/TypeScript), and modern application architecture.
- My projects, including a portfolio showcasing full-stack development, reflect my ability to collaborate, innovate, and solve complex problems and led a team of 3 to develop a scalable MarketMate application and optimized it's performance by 30%.

Education

Cairo University, Software Engineering in Computer Science

Certifications

Full Stack Engineering internship, ALX

Technical Support Basics, Google

Intermediate English Course, British Council

EF SET English Certificate 71/100 (C2 Proficient), EF SET

Projects

Marketmate, [Link](#)

Airbnb clone, [Link](#)

Core Competencies

Programming Languages Flask, Java, Python, C++, C, C#

Web Development HTML5, CSS, JavaScript

Database Management MySQL

Software Development Practices Object-Oriented Programming (OOP), Unit Testing, Shell Scripting, Data Structures, Design Patterns