Ehab Hegazy

Full-Stack developer

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Summary

Full Stack Developer specializing in MEARN (MongoDB, Express.js, Angular, React, Node.js) and Python (FastAPI, Flask). Skilled in SQL, Docker, and Linux, with experience deploying scalable AI-powered apps, e-commerce platforms, and API-driven services. Trained through ALX Africa Software Engineering and ITI MEARN stack, with a strong foundation in Agile, DevOps, and team collaboration.

Skills

Frontend: React, Angular, Vue.js, HTML5, CSS3, Bootstrap, Tailwind CSS
Backend: Node.js, Express.js, FastAPI, Flask
Databases: MongoDB, Redis, MySQL, SQLite
DevOps: Linux, Git, Docker, Bash, REST APIs, Agile
Languages: JavaScript (ES6+), Python, C

Education

Faculty of Law   2020 - 2024
South Valley University   Grade: Good

Projects

ALX Learning Bot (AI + MERN App)
- AI-powered web application with Python FastAPI backend, React + Tailwind frontend, and MongoDB.
- GitHub: github.com/EhabHegazy/AlxBot

Logger (C CLI Tool)
- CLI tool for employee attendance tracking with persistence and unit testing.
- GitHub: github.com/EhabHegazy/logger

Monty Interpreter (C)
- Stack/queue interpreter in C for algorithmic problem solving.
- GitHub: github.com/EhabHegazy/monty

PlayBlocks (E-commerce Demo)
- Web app with login, search, and shopping cart functionality.
- GitHub: github.com/EhabHegazy/playblocks

QuranLink (Full-Stack App)
- FastAPI + Vue.js app serving Quranic data dynamically (page, juz, verse).
- GitHub: github.com/EhabHegazy/quranlink

Portfolio (Terminal-style Web Portfolio)
- Interactive personal portfolio simulating a terminal UI.
- GitHub: github.com/EhabHegazy/portfolio

Geometry Dodge (Canvas Game)
- A fun web-based game built with HTML Canvas, where players control a square to dodge incoming shapes.
- GitHub: github.com/EhabHegazy/jsgames

Courses & Training

MEARN Stack Trainee   Jun 2025 – Jan 2026 (Ongoing)
Information Technology Institute (ITI)   Qena, Egypt

- Built 2 full-stack applications using the MEARN stack (MongoDB, Express, Angular, React, Node.js.

- Enhanced front-end expertise by applying JavaScript design patterns, ESNext features, and TypeScript.

- Developed hands-on experience with NoSQL databases such as Redis and MongoDB.

Software Engineering Student   Dec 2023 – Oct 2024
African Leadership Expariance (ALX)   Remote

- Gained solid problem solving and low-level programming skills by solving algorithmic and data-structure challenges.

- Applied computer science fundamentals in 3+ major system-level projects written in C.

- Gained knowledge of SQL databases, including MySQL and SQLite

- Collaborated remotely with peers, improving teamwork, code testing&review, and Git workflow.

Personal Information

Languages: Arabic (Native), English (B2)
Military Status: Extempt
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Interests: Open-source development, Computers, Linux customization