Karim Mustafa

Software Engineer

Alexandria, Egypt (Open to Relocation) | +20 107 041 1467 | **Military:** Exempted

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Profile

Full-stack software engineer with a solid academic foundation from Alexandria University, enhanced by hands-on training at ITI's 9-month open-source diploma. Experienced in building scalable and responsive applications using various frameworks. Dedicated to writing clean, maintainable code with a strong focus on performance and user experience.

Education

Information Technology Institute (ITI) , Alexandria   Oct 2024 – present
9-Month Diploma, Open Source Applications Development

Faculty Of Science, Alexandria University   Sept 2019 – Jun 2023
B.Sc. in Computer Science   GPA: 3.34
Graduation Project: **PharmaLink** – A web platform connecting pharmacies to share medicine availability across locations (HTML, CSS, JS, PHP).
Grade: Excellent   `GitHub`

Skills

Programming Languages: JavaScript, TypeScript, Java, C , C++ , SQL.
Frontend Technologies: HTML, CSS, Bootstrap, Tailwind, React, Next.js, Angular.
Backend Technologies: Node.js, Express.js , Nest.js, RESTful APIs.
Database: MySQL, MongoDB.
CMS Platforms: WordPress, Joomla.
Developer Tools: Git, Linux, Docker.
Software Engineering: Data Structures, Algorithms, OOP, Database Systems.

Projects

Meem - E-commerce Platform   `GitHub`

- Developed a responsive e-commerce web app using **Angular**, **Tailwind CSS**, and **JSON Server** as a mock backend.
- Built an admin dashboard for full product and order management (add/edit/delete workflows), while users can browse and place orders.
- Integrated features such as search, favorites, cart, secure checkout, and editable user profiles to improve user experience.

Mini Social App   `GitHub`

- Built a lightweight social media app using **React (with Vite)** and **JSON Server** for mock backend data.
- Enabled users to create, update, and delete their own posts while ensuring proper ownership and data handling.

Real-time Chat Room   `GitHub`

- Developed a real-time chat application using **Node.js**, **Express**, and **Socket.io**.
- Enabled users to join chat rooms and exchange messages instantly over WebSocket connections.
- Implemented the frontend using **EJS** templating engine for rendering views and building the frontend interface.

Travelo - Travel App   `GitHub`

- Developed using **HTML**, **CSS**, **JavaScript**, and **JSON Server**.
- Users can book hotels and restaurants via a clean interface.
- Integrated geolocation to automatically detect user's area and suggest nearby places.

Training

Information Technology Institute (ITI) , Alexandria   May 2024 – Jul 2024
3-Month Training, Web Development using CMS Platforms.

Languages

Arabic: Native   **English:** Very Good