Kareem Hamouda

✉ kareem.e.hamouda@gmail.com ☎ +20 115 111 9085 ⦿ Cairo, Egypt

○ github.com/KareemEhab 🔗 /in/kareem-hamouda

SUMMARY

Full Stack Web Developer with a Computer Science degree and intensive training in Web & UI Development from ITI. Experienced in both front-end and back-end development, with strong leadership, mentoring and problem-solving skills.

EDUCATION

Information Technology Institute (ITI), *9-Month Professional Diploma,*   Oct 2024 – Present
Professional Training Program (PTP), Web & User Interface Track.
Smart Village Branch, Giza, Egypt.

Ain Shams University, *B.Sc., Computer Science | Information Systems Dept.*   Sep 2017 – Jul 2021
- Grade: Very Good - Graduation Project Grade: Excellent.

EXPERIENCE

Akedly.io, *Freelance Developer*   Apr 2025 – May 2025
Cairo, Egypt
- Published an NPM SDK to simplify OTP verification via Akedly's API.
- Built a WordPress plugin to integrate Akedly OTP with minimal setup.
- Contributed UI/UX improvements to the Akedly platform for a smoother user experience using React.js.

412Labs, *Full Stack Developer | Unity XR Instructor*   Nov 2021 – Apr 2022
Cairo, Egypt
- Developed a Custom Shirts project using MERN stack and Three.js, enabling users to customize shirts with different textures and visualize them in 3D.
- Instructed students and graduates in Unity development, utilizing VR tools.
- Produced video lectures on VR/AR technical development.
- Conducted a VR workshop, training artists and graphic designers in Unity.

Nimblebot, *Course Creator | Instructor*   Oct 2020 – Nov 2020
Cairo, Egypt
- Authored and published two guided courses on Coursera through Nimblebot, reaching over 6,000 learners.
- [Introduction to C++ Programming: Build a Calculator](#) ↗
- [Introduction to C++ Programming: Create a Tic-Tac-Toe Game](#) ↗

Egyptian Olympiad in Informatics (EOI), *Coach | Instructor*   Jul 2019 – Aug 2019
Suez, Egypt
- Taught C++ programming and problem-solving, progressing from fundamentals to advanced algorithms like Graphs and Dynamic Programming, preparing students for EOI/IOI competitions.
- Mentored students leading to two silver medals at EOI among 100 competitors.

PROJECTS

Eshtereely, *React, Tailwind, Node, Express, MongoDB, JavaScript, HTML, CSS* ↗
- Developed a modern e-commerce platform specializing in high-end audio and visual equipment.
- [Demo](#) ↗

Game Hub, *Angular, TypeScript, Tailwind, Node, JavaScript, Express, MongoDB* ⬈
- Developed a full-stack e-commerce platform for buying and viewing games.
- [Demo](#) ⬈

VSCode Themed Portfolio, *React, TypeScript, Chakra UI* ⬈
- Developed a visually distinctive portfolio website inspired by Visual Studio Code.
- [Demo](#) ⬈

Audiophile Ecommerce Web Application, *MERN Stack, TypeScript, Chakra UI* ⬈
- Built a full-stack ecommerce platform for browsing and purchasing high-quality audio devices.
- [Demo](#) ⬈

Kanban Task Management Application, *MERN Stack, TypeScript, Chakra UI* ⬈
- Designed and developed a full-stack Kanban web app for efficient task management.
- [Demo](#) ⬈

Blockchain Based E-Voting System (Graduation Project), *MERN Stack, Ethereum* ⬈
- Led the team and developed the backend for a secure, blockchain-based e-voting system.

SKILLS

Programming Languages
JavaScript, TypeScript, C, C++, C#

UI/UX Design
Figma, Adobe Illustrator, Adobe Photoshop, Miro, MockFlow

Frontend Development
React, Next.js, Angular, HTML5, CSS3, Bootstrap, Tailwind, Chakra UI, Redux Toolkit

Tools & Technologies
Git, GitHub, Agile (Scrum, Jira, Kanban), Trello

Backend Development
Node.js, Express.js, .NET, MongoDB, Mongoose, SQL, MySQL, PostgreSQL

Soft Skills
Presentation, Communication, Professional Demeanor, Leadership, Mentorship

LANGUAGES

Arabic
Native

English
Fluent

ADDITIONAL EXPERIENCE AND AWARDS

Egyptian Armed Forces, *Military Reserve Officer | Full Stack Developer* Apr 2022 – Apr 2024
Cairo, Egypt
- Maintained various web applications, services and APIs and maintained servers and military networks.
- Developed a File Sharing System for the unit I served at using the unit's server and internal network which works by identifying and filtering different ranks, roles, and departments using ASP.NET MVC.
- Tutored Military Officers on the basics of ASP.NET and MVC Design pattern.

EOI Coach Medal
For mentoring students & having them compete at the EOI competition.

Top 13 best OOP Project
Top 13 out of 100 teams by developing a 3D Monopoly game with Java.

Top 13 best Electronics Project
Top 13 out of 100 teams by building a Morsecode device with Arduino.