

MOHAMED ALI ELKAHWI

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SUMMARY

Motivated bachelor's student specializing in Embedded Systems and Internet of Things, with hands-on experience in developing full-stack web and mobile applications. Skilled in creating responsive frontends, efficient backends, and integrating IoT solutions. Eager to apply knowledge and grow through innovative projects in software and connected technologies.

SKILLS

Full-Stack Frameworks & Libraries

React.js, Express.js, TailwindCSS, Flutter

Programming & Scripting Languages

Python, JavaScript, TypeScript, Java, C++, C, PHP

Databases & Storage

MySQL, MongoDB

PROJECTS

Car rental Web App Deployment

- Developed and deployed a full-stack car rental web application using HTML, CSS, JavaScript, PHP, and MySQL.
- Designed a responsive user interface for managing car listings, bookings, and user accounts.
- Implemented backend functionalities for authentication, reservation management, and database operations.
- Engineered a robust MySQL database solution, centralizing vehicle, user, and booking data from three disparate systems
- Deployed the application on InfinityFree for free web hosting, ensuring accessibility and smooth performance online.

Event Check-In Application

- Developed a Flutter mobile application that enables event organizers to check in participants by scanning a QR code, entering a ticket code, or searching by name.
- Built the frontend entirely in Flutter, ensuring a smooth and responsive user experience across devices.
- Integrated the app with a backend API developed and deployed by a teammate on an Azure VM server, allowing real-time participant verification and attendance tracking.
- Focused on reliability, usability, and fast data handling to streamline event check-in operations.

Real-Time Chat Application

- Developed a Flutter-based chat application with Firebase Authentication for secure user registration and login.
- Implemented friend management features allowing users to add and connect with others.
- Integrated Firebase Realtime Database to enable instant messaging and real-time data synchronization.
- Designed an intuitive interface and seamless user experience to ensure responsive, cross-platform communication.

EXPERIENCE

Flutter Developer Intern - Consultim-It

Aug 2025 - Sep 2025

- Completed an internship at Consultim, where I gained hands-on experience in Flutter development and explored the framework's core functionalities for building cross-platform mobile applications.
- Used a Udemy learning account to follow structured Flutter courses covering topics such as UI design, state management, navigation, API integration, and Firebase services.
- Applied these concepts through practical tasks and mini-projects, strengthening my understanding of mobile app architecture and modern development practices.

Basic Web Instructor - Microsoft Issatso

Oct 2024 - May 2025

- Taught the fundamentals of web development using HTML, CSS, and JavaScript, focusing on building structured, styled, and interactive web pages.
- Designed and delivered hands-on lessons and coding exercises to help students understand core web technologies and best practices.
- Guided learners through practical projects, reinforcing their skills in layout design, responsiveness, and DOM manipulation.
- Assisted students in debugging and improving their code to achieve fully functional and visually appealing websites.

EDUCATION

Higher Institute of Applied Sciences and Technology

Sep 2023 - Present

Bachlor

LANGUAGES

Arabic : Native

English : Fluent

French : Fluent