

OMAR AWAD

Khalda, Lebanon · +961 70 752 650 · omarmawad561@gmail.com

Education

Islamic University of Lebanon	Wardaniyeh, Lebanon
Bachelor Degree Computer Science	November, 2022 -
Professional experience	November, 2025

Summer 2024

(90-hour	
Hyve, Beirut, Lebanon	internship) 2023 -
Intern	2023
• Demonstrated dedication, professionalism, and a strong work ethic. • Actively participated in a variety of projects, showcasing deep understanding of HTML, CSS, JavaScript, jQuery, and Bootstrap. • Converted PSD designs into HTML and CSS files • Contributed to front-end projects and quality control reports for new projects • Showcased effective communication skills and a collaborative spirit, contributing to a positive working environment. • Systematically processed information, proposed solutions, and leveraged new technologies	

skills

Programming languages:	Java, Python, c++, ASP.Net, c#, html, css, javaScript, Php, Laravel, Api
Databases:	SQL, MYSQL/MariaDB
Cyber security:	basic knowledge of cybersecurity principles and practices
Machine learning:	vast knowledge of machine learning principles and practices
Languages:	english(good), arabic (native)

Projects

University System *Html, css(bootstrap), javaScript, Php, Ajax, MySQL*

The secure login portal offers personalized dashboards for students and teachers, featuring course access, grade viewing, assignment management, and communication tools. The admin side includes robust tools for course registration, grade management, and diverse payment methods for tuition and fees. Key security features include unique login credentials, two-factor authentication, and OAuth integration. The portal emphasizes responsive design, intuitive navigation, and accessibility compliance.

Gym System *laravel, html, css, javaScript, MYSQL*

The gym system includes a secure login for both users and admins. Users can choose trainers based on available hours, manage their fitness schedules, track workout progress, and receive notifications. Admins can manage trainer schedules, update class timetables, track user attendance, and handle membership payments. The system emphasizes secure login credentials, two-factor authentication, and an intuitive, responsive design for ease of use.

Delivery Management System *java gui, SQL, SMTP, JavaMail API*

The system offers a user-friendly interface and innovative features like location-based restaurant and supermarket searches, seamless order placement, and a unique butler service for forgotten items. Strong features include Google Maps integration for precise location handling, email verification for secure user sign-up, and an intuitive UI that enhances user experience.

Wholesale Business Management App Android (Java, SQLite)

This mobile app provides a user-friendly interface to help wholesale business owners efficiently manage their operations. It features a unique ID system for merchants, comprehensive product inventory management including images and stock tracking, customer payment monitoring with outstanding balances, automated monthly transaction reports, and seamless business information storage. Designed for usability, this app offers a practical solution for wholesale traders to handle their daily tasks through mobile devices.

Multi-vendor Store Management System Desktop Application (C# and .NET)

This desktop system offers a user-friendly interface designed to efficiently manage retail stores with multiple suppliers. It includes a secure multi-user login system with role-based permissions for admins and cashiers, comprehensive inventory management tracking products across various brands and suppliers, a discount system for selected items, a built-in calculator for quick in-app calculations, and full admin control to manage user permissions and restrict cashier access. The system also generates daily and custom reports for sales and inventory, enhancing store operations and ensuring secure, organized management.

Integrated Hospital Management System – Web & Mobile Application (Laravel 12, Livewire & Flutter)

This graduation project presents a comprehensive, enterprise-level Hospital Management System developed using Laravel 12 following the MVC architectural pattern, enhanced with Livewire for reactive, real-time user interfaces. The system integrates HTML, CSS, JavaScript, and AJAX to deliver a dynamic and responsive web application, ensuring seamless interaction and optimized performance.

The platform is designed to digitalize and centralize hospital operations across multiple departments, including Reception, Doctors, Laboratory, Radiology (X-Ray), Administration, and Billing. It implements advanced role-based access control (RBAC) to manage permissions and ensure data security, integrity, and controlled access across all user roles.

Core functionalities include patient registration and medical record management, laboratory and radiology report handling with image uploads, diagnostic documentation, automated invoice generation, integrated billing workflows, and structured financial tracking. The system supports real-time updates, reducing manual processes and improving operational efficiency.

In addition to the web platform, a cross-platform mobile application was developed using Flutter, enabling doctors and authorized staff to securely access patient data, review reports, and manage workflows remotely.

The system architecture emphasizes scalability, security, modular design, and maintainability, making it adaptable for future expansion and integration with additional healthcare services. This solution demonstrates the practical implementation of full-stack development, database design, system analysis, and real-world healthcare workflow automation.

Certifications

Meta front end developer professional certificate	Online course at Coursera 22 December 2023
Machine learning	online Course at Youtube July 2024
EXTRACURRICULAR ACTIVITIES	Google Developers Student Club at Islamic University of Lebanon (GDSC-IUL)
Participated in workshops and webinars related to Software Engineering ,Internet of Things ,Artificial Intelligence ,	
Machine Learning and Data Science	oct 2022-Present