

Mohamad Ghanem

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Education

Bachelor's Degree in Computer Science

10/2022 – 07/2025

Graduated from Islamic University of Tyre

Work Experience

Software Developer Intern at Islamic University of Lebanon

Summer 2024

- Collaborated with a teammate to develop a desktop application for car rentals and sales using **Java Swing**.
- Designed and implemented a responsive dashboard layout to enhance user experience.
- Created an **Entity-Relationship** (ER) model and built the database using **MySQL**.
- Integrated an email sender feature to automate client communications.

Personal Projects

Transportation Mobile App

2024-2025

- Developed a cross-platform transportation and scheduling app using **Flutter**, **PHP**, and **MySQL**.
- Integrated **Google Sign-In** for secure authentication
- implemented **Google Maps** for location selection
- Leveraged **Google Gemini API** to arrange passenger pickup points and generate a Google Maps link showing optimized routes and stop order.
- Implemented password reset functionality with **email sender** integration.
- Integrated **Stripe** Payment Gateway (test mode) to simulate **online payments**.
- Enabled **push notifications** using Firebase Cloud Messaging (**FCM**) and device tokens for real-time trip and status updates.
- Developed backend services and **MySQL**-based database logic to manage bookings and trip scheduling efficiently.
- GitHub: <https://github.com/MohamadGhaneim/transportation> .

My Store Web Application

- Developed a full-stack e-commerce web application using Angular with Bootstrap and HTML for the frontend, Node.js with Express for the backend, and MySQL for data management.
- Designed separate interfaces for customers and store managers to support efficient shopping and inventory management.
- **GitHub:** github.com/MohamadGhaneim/mystore

Clinic Appointment App

2024

- Created an Android application using **Java**, **XML** to manage clinic appointments.
- Enabled doctors to add appointments and patients to view them through real-time updates.
- Utilized **Firebase Real time Database** for dynamic data handling.
- **GitHub:** github.com/MohamadGhaneim/clinicApp .

Car Sales and Rental System (Desktop)

2023

- Built a desktop application in C# for managing car rentals and sales.
- Designed features for inventory tracking, customer interaction, and transaction management.
- Developed the user interface with Windows Forms and integrated data handling logic.
- GitHub: github.com/MohamadGhaneim/finalproject .

Skills & Abilities

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|---------------|---------------------------------------|--------------------|
| • Flutter | • OOP (Java , Typescript , C# , C++) | • SOLID principles |
| • MySQL | • Software Engineering | • Angular |
| • HTML5 & CSS | • Git best practice | • SQL |
| • Tailwind | • Bootstrap | |