

Mohamad Kanafani

Mobile & Database Developer | IT Support Specialist

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Summary

Dynamic and detail-oriented professional with comprehensive experience in mobile app development, database management, and digital service solutions. Proven ability to design and implement innovative technologies, optimize system performance, and collaborate effectively with cross-functional teams. Skilled in leveraging emerging tools to deliver efficient, scalable solutions. Eager to contribute expertise and drive impactful results within a forward-thinking organization that offers opportunities for growth and continuous learning.

Experience

Freelance Full Stack Developer – 12/2025 to 03/2026

Elections Management System

Technologies: Flutter (Clean Architecture), Django REST framework

- Built a mobile application for election participation and candidate browsing using Flutter with Clean Architecture.
- Developed RESTful APIs for managing elections, candidates, voters, and vote records using the Django REST Framework.
- Integrated frontend and backend services for secure vote submission and real-time data retrieval.
- Implemented role-based authentication for administrators.
- Structured project layers using separation of concerns for maintainability and scalability.
- Applied layered architecture (presentation, domain, data) for maintainable and scalable code and used bloc for state management.

CCTV Officer – 07/2025 to present

ABC Verdun Beirut, Lebanon

- Monitored CCTV systems to ensure the safety and security of the shopping mall, tenants, customers, and staff.
- Conducted regular surveillance to detect and prevent theft, suspicious activity, and unauthorized access.
- Performed nightly inspections of all tenant stores and verified that shops were properly secured after closing.
- Responded promptly to security incidents, alarms, and customer service-related issues.
- Prepared detailed daily incident reports and maintained accurate security logs.

Android Developer / IT support – 07/2024 to 05/2025

Suyool, Beirut, Lebanon

- Developed and implemented an Intelligent Video Surveillance (IVS) system leveraging ML Kit for accurate object detection and document analysis.
- Designed and built a Flutter-based webview integration for the Elnashra mobile application to enhance user experience and performance.
- Architected and maintained a ticketing system using ASP.NET MVC framework, connecting to an MS SQL database for efficient issue tracking and resolution.
- Collaborated with cross-functional teams to identify and troubleshoot technical challenges in both mobile and web applications.
- Optimized application functionality and UI responsiveness through continuous testing and iterative improvements.
- Provided IT support by diagnosing hardware and software issues, ensuring seamless system operations and minimizing downtime.
- Documented development processes and technical specifications to facilitate knowledge sharing and future maintenance.
- Stayed updated with emerging technologies and best practices to continuously elevate project outcomes and development efficiency.

Database Developer/ SQL Developer – 03/2024 to 08/2024 (Remote Work)

Banan-it, KSA

- Designed and optimized advanced SQL queries utilizing table variables, complex joins, and Common Table Expressions (CTEs) to support robust data retrieval.
- Developed and maintained efficient database scripts ensuring accuracy and performance for large datasets.
- Collaborated closely with development teams to understand data requirements and translate them into scalable SQL solutions.
- Analyzed and refactored existing queries to enhance execution speed and reduce resource consumption.
- Created and documented database procedures and functions to standardize processes and improve code reusability.
- Monitored query performance and troubleshoot bottlenecks, applying indexing and query optimization techniques.
- Supported data integration efforts by validating and cleansing data to maintain database integrity and reliability.

Digital Service Associate – 03/2023 to 02/2024

Exeo, Beirut, Lebanon

- Crafted and maintained automated workflows and scripts using Google Apps Script to streamline internal processes.
- Utilized Microsoft Dynamics 365 and Power Apps to customize and enhance CRM functionalities, improving user efficiency.
- Generated comprehensive sales reports and visual dashboards through Power BI to support data-driven decision-making.
- Built and tested cross-platform mobile applications leveraging Flutter to meet client specifications and enhance user

- engagement.
- Developed backend services and administrative panels using Laravel framework combined with Filament for efficient content management.
- Coordinated with stakeholders to gather requirements and deliver digital solutions aligned with business objectives.

Mobile Application Developer – 2023

BookStore, Beirut, Lebanon

- Designed and implemented a mobile app to efficiently manage bookstore inventory and sales operations.
- Integrated Firebase Authentication to securely handle user sign-in and access control.
- Configured Firestore as a real-time database solution, enabling instant synchronization of data across devices.
- Leveraged data streams to ensure continuous real-time updates and responsiveness within the app interface.
- Conducted thorough testing and debugging to deliver a reliable, user-friendly application tailored to bookstore management needs.

Admin Dashboard Creator – 2023

Web App, Beirut, Lebanon

- Developed a comprehensive admin dashboard to monitor and manage customer orders efficiently.
- Employed Filament to build an intuitive and customizable user interface for streamlined administrative tasks.
- Utilized MySQL with Eloquent ORM to design and interact with the database, ensuring smooth data retrieval and manipulation.
- Implemented real-time data tracking and reporting features to enhance order processing visibility and accuracy.

Library Management System Developer – 2022

Web App, Beirut, Lebanon

- Engineered a complete library management solution to streamline book inventory, borrowing, and returns processes.
- Deployed and tested the application using XAMPP with Apache server to ensure a stable local development environment.
- Created and scheduled SQL procedures, functions, and events to automate routine database operations and maintain data integrity.

Tutor – 01/2017 to present
Freelance, Beirut, Lebanon

Education

Bachelor’s Degree in Computer Science – 2023
American University of Science and Technology (AUST), Beirut, Lebanon

Bachelor’s Degree in Forensic Science – 2020
American University of Science and Technology (AUST), Beirut, Lebanon

Bachelor’s Degree in Chemistry – 2018
Lebanese University (LU), Beirut, Lebanon

Courses

- Enrolled in SE-factory, Foundations of Computer Science

Skills & Expertise

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| <ul style="list-style-type: none">Android DevelopmentFlutter Mobile App DevelopmentMachine Learning Integration (ML Kit)ASP.NET MVC FrameworkSQL Query OptimizationDatabase Design and ManagementFirebase AuthenticationFirestore Real-Time DatabaseGoogle Apps Script AutomationMicrosoft Dynamics 365 Customization | <ul style="list-style-type: none">Power Apps DevelopmentPower BI Reporting and DashboardsLaravel Backend DevelopmentFilament Admin Panel CreationCross-Functional Team CollaborationIT Support and TroubleshootingData Stream HandlingReal-Time Data SynchronizationAutomated SQL Procedures and EventsSoftware Testing and Debugging |
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Languages

Arabic: Native | **English:** Proficient