

Ali Kawouk

Beirut, Lebanon | 00961 81 89 57 42 | Kawouk652@gmail.com

LinkedIn: Ali Kawouk

Professional summary

Mobile Developer with extensive experience in developing cross-platform mobile applications using Flutter and Dart. Familiar with software development, algorithms, and data structures, with proficiency in front-end and back-end frameworks. Strong problem-solving skills, thrive both independently and collaboratively in team environments. Eager to learn and contribute.

Education

Lebanese University, Nabatieh, Lebanon Bachelor of Applied Mathematics in Computer Science (2022-2024)

- Relevant Coursework: Web Development, Imperative Programming in C, Database, Computer Networks, Object Oriented Programming

Jibchit Public High School, Nabatieh, Lebanon Lebanese Official Baccalaureate II, Life Sciences (2021-2022)

Skills

Soft Skills

- Problem-solving and time management
- Research and development
- Code review and team members' support
- System design and technical analysis

Hard Skills

- **Languages:** Python, C, C++, SQL (PostgreSQL, MySQL, Microsoft SQL Server), JavaScript (React & Redux), Dart (Flutter with Firebase), C# (.NET), PHP (REST API)
- **Tools & Technologies:** ASP.NET Core, xUnit, Firebase, AWS, Entity Framework Core, Razor Views, Tag Helpers, Logging and Filters, Web Security

Experience

Mobile Developer

- Developed cross-platform mobile applications using Flutter and Dart
- Implemented state management solutions to optimize app performance
- Integrated Firebase for real-time data handling, authentication, and analytics
- Utilized device-specific features, such as GPS and camera, to enhance app functionality
- Created smooth animations and transitions to improve user experience
- Conducted debugging and testing to ensure application reliability

ASP.NET Developer

- Built web applications using ASP.NET Core framework
- Deep understanding of HTTP protocols and middleware components
- Experienced in setting up routing and developing controllers
- Skilled in model binding, validation, and handling user inputs
- Competent in creating and managing Razor views for dynamic content rendering
- Knowledgeable in implementing dependency injection for better code maintainability
- Proficient in using Entity Framework Core for database interactions
- Experienced in writing unit tests with xUnit to ensure code quality
- Capable of implementing Create, Read, Update, and Delete operations
- Knowledgeable in using tag helpers to simplify HTML generation
- Understanding of configuration management and environment-specific settings
- Skilled in implementing logging and action filters for better diagnostics and control
- Awareness of web security best practices to protect applications from vulnerabilities

Projects

E-Commerce Mobile App

- Built a fully functional e-commerce app for Android and iOS using Flutter
- Technologies Used: Flutter, Dart, Firebase, REST APIs
- Key Features: Product browsing, cart management, secure checkout with integrated payment gateways

Expense Tracker App

- Developed a mobile app to track personal expenses with a clean and intuitive interface
- Technologies Used: Flutter, Dart, SQLite
- Key Features: Expense categorization, graphical representation of data, and budget tracking

Meal App

- Built a meal planning app allowing users to browse recipes, plan meals, and create shopping lists
- Technologies Used: Flutter, Dart, SQLite
- Key Features: Recipe browsing, meal planning, customizable shopping lists

Employee Management System

- Developed a web application for managing employee data using ASP.NET Core
- Implemented CRUD operations with Entity Framework Core
- Utilized Razor views for dynamic content rendering and user interaction
- Integrated xUnit for writing unit tests to ensure code reliability
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ACTIVITIES & INTERESTS

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- **Certifications & Training:** An Introduction to Programming with Coursera ,
 - Introduction to Front-End Development with Coursera by Meta,
 - Introduction to Mobile Development with Coursera by Meta,
 - Programming with JavaScript with Coursera by Meta,
 - Html, CSS, JavaScript, React with Udemy,

Languages

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- Mother Tongue Arabic, Fluent in English
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