

Rasha Al Haj Hasan

Full-Stack Developer | Mobile & Backend

✉ rashaalhajhasan@gmail.com

☎ 961 03 676 425

📍 Beirut, Lebanon

🌐 Rasha Haj Hasan

Profile

Full-Stack Developer with hands-on experience building scalable mobile and backend applications using Flutter and RESTful APIs. Skilled in designing secure, maintainable systems with strong knowledge of object-oriented programming, clean architecture principles, and database management (SQL). Experienced in contributing to production projects, collaborating with cross-functional teams, and delivering real product value. Fast learner with a strong interest in modern technologies including TypeScript, Node.js, Docker, and AI-assisted development tools.

Professional Experience

06/2024 – Present
Beirut, Lebanon

Full-Stack Developer – Dynasoft

- Developed and maintained **Flutter mobile applications**, integrating them with secure RESTful backend APIs.
- Built and maintained backend services using **MVC (.NET)** and SQL Server for a production School Information System (SIS).
- Designed and implemented RESTful APIs to support both mobile and web platforms.
- Designed relational database schemas and optimized performance-critical SQL queries.
- Resolved complex technical issues and implemented requirement changes on existing production mobile applications, ensuring stability and improved performance.
- Delivered features end-to-end, from database design and API implementation to mobile integration.
- Ensured code quality through structured architecture, debugging, and validation practices.
- Contributed to deployment and server configuration processes.
- Worked in an agile environment with continuous feature iterations and stakeholder feedback.

09/2023 – 04/2024
Beirut, Lebanon

Functional Intern – Odoo ERP System

- Trained on Odoo ERP functional modules with a focus on Sales and business process workflows.
- Participated in client meetings to gather requirements and understand operational needs.
- Assisted in requirements analysis and solution scoping for ERP implementations.
- Contributed to preparing technical-functional proposals, including module selection and system configuration recommendations.

Education

2021 – 2024

Beirut, Lebanon

Bachelor's Degree in Management Information Systems

Lebanese University - Faculty of Economics and Business Administration

Studied the integration of business operations and information systems, with emphasis on database management, systems analysis, ERP systems, and software development. Gained a solid foundation in translating business requirements into structured technical solutions and data-driven decision-making.

Skills

Languages & Frameworks

Flutter, Dart, React, React Native, C#, .NET Core /asp.net MVC, HTML, CSS, PHP

Backend & API Development

RESTful API Design & Integration, Clean Architecture, Object-Oriented Programming (OOP), Authentication & Authorization, Multi-Tenant Architecture

Business & Systems

ERP Systems (Odoo – Functional Knowledge), Dynasoft ERP System, SIS, Business Process Analysis, Requirements Gathering & Solution Scoping, Agile / Scrum

Mobile Development

Flutter (Production Apps), React Native, State Management & API Integration, Firebase

Databases

SQL Server, My SQL, Database Design & Data Modeling, Stored Procedures & Query Optimization

Tools & Technologies

Docker (Containerization), Git/GitHub, Basic CI/CD Concepts, Visual Studio / VS Code
AI Development Tools (ChatGPT, Claude, Cursor)

Projects

School Application

Flutter | .NET Web API | SQL Server

Developed a full-featured multi-tenant school management mobile application with independent database architecture and role-based access control. Implemented secure authentication mechanisms, clean architecture principles, and multi-language support (English, Arabic, French). Delivered core modules including attendance tracking, grading management, event coordination, and academic scheduling.

E-Commerce Web Application

React (Vite) | .NET

Designed and developed a full-stack e-commerce web application using React (Vite) for the frontend and ASP.NET MVC for backend services. Implemented core features including product catalog management, shopping cart functionality, order processing, and user authentication.

Built secure RESTful APIs and utilized an ORM (Entity Framework) for efficient database interaction, enabling structured data modeling and optimized query handling. Designed relational database schemas and ensured seamless frontend-backend integration.

Food Recipe Mobile Application

Flutter | SQLite

Designed and developed mobile application for food recipes using Flutter, with offline data persistence powered by SQLite. Implemented dynamic nutrition calculation logic, categorized recipe management, and favorite functionality to enhance user experience. Focused on responsive UI design, structured data modeling, and efficient local storage handling.

Graduation Project – Business Management Website

HTML | CSS | PHP | SQL

Developed a responsive business website integrating frontend interfaces with backend database management. Implemented modules for product management, customer records, and order processing with structured SQL database integration. Strengthened understanding of data modeling, system design, and usability principles in a real-world business scenario.