Ali Al Mostafa | Software Developer

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Objectives:

Computer science student with experience in backend development and full-stack desktop application development using .NET Framework, ADO.NET, ASP.NET Web API, and Entity Framework Core. Skilled in designing scalable APIs and desktop solutions, seeking to apply technical expertise to impactful software projects.

Technical Skills:

- **Programming Languages:** Java, C++, C#, PHP.
- **Frameworks & Libraries:** .NET Framework, Win Forms, ADO.NET, ASP.NET Core, Entity Framework Core, LINQ , Laravel.
- **Web Development:** RESTful APIs, ASP.NET Web Api, HTML/CSS .
- **Database Management:** SQL Server, MySQL.
- **Software Tools:** Git, Github, Swagger, Postman, VS code, Visual Studio, DBMS (Database Management System).
- **Additional Skills:** Strong problem-solving abilities, strong object-oriented programming (OOP) skills, Prompt Engineering, Fast learner, Writing a Scalable and Reusable code, Teamwork, Strong Communicator.

Professional Experience:

Backend Developer (Part-Time), Devzur (Hybrid), Saida, Lebanon   Sep 2024 – Jan 2025

- Developed full-stack desktop applications using .NET Framework and WinForms.
- Worked on backend development with ASP.NET Web API, ensuring scalability and performance.
- Built and maintained POS systems and clinic desktop application systems.
- Utilized Git and GitHub for version control and team collaboration.

Backend Development Intern, Softwave Lb (Remotely)   Jul 2024 – Sep 2024

- Developed and maintained RESTful APIs using ASP.NET Web API.
- Implemented data access layers with Entity Framework Core and LINQ.
- Worked on various C# projects, enhancing functionality and performance.
- Gained hands-on experience with database management and querying using SQL Server database and EF Core.

Backend Development Intern, XpertBot (Remotely)   May 2024 – Aug 2024

- Designed backend solutions using Laravel, focusing on routing, middleware, and database management with MySQL integration.
- Gained hands-on experience with Git for version control, managing code repositories, and facilitating collaboration.
- Developed and maintained APIs to support front-end applications and ensure smooth data exchange.
- Worked with MySQL databases to design, implement, and maintain data storage solutions.

Projects:

Backend School Management System   *AliMostafaDev (Ali Al Mostafa) · GitHub*

- Developed a robust backend system for a school management application using ASP.NET Core, SQL Server, Entity Framework Core, and LINQ.
- Designed and implemented RESTful APIs for managing data on students, teachers, classes, courses, enrollments, departments, users and others.
- Employed queries, filtering, sorting, and pagination in APIs and created comprehensive documentation.
- Implemented a three-tier architecture to ensure scalable and maintainable system design.
- Integrated comprehensive CRUD operations to facilitate effective data management and interactions.

Health Care Management System   *AliMostafaDev (Ali Al Mostafa) · GitHub*

- Developed a comprehensive desktop application aimed at enhancing the management of patients, doctors, nurses, users, medical services, and billing processes using C#, Win Forms, SQL Server and ADO.NET.
- Enabled complete CRUD operations facilitating efficient healthcare management.
- Implemented distinct user roles, including standard users and administrators, with tailored permissions and controlled access to sensitive information.
- Utilized SQL Server for robust database management and ADO.NET for effective data access within a multi-tier architecture.
- Implemented financial tracking and daily cash collection functionalities, allowing users to compute total payments made within a specified timeframe, and developed a feature to print invoices that automatically includes details.

C++ Bank Management System & Atm File Based Project   *AliMostafaDev (Ali Al Mostafa) · GitHub*

- Created a comprehensive C++ application from scratch to simulate an ATM and a bank management system.
- Applied object-oriented programming (OOP) principles to design the system.
- Implemented features for regular users, including ATM functionalities, and for administrative users, including bank management functionalities.
- Utilized data structures and problem-solving techniques to ensure efficient system operation.

Workshops & Competitions:

- **2nd Place, League of Logics Problem-Solving Competition**, Secured 2nd place in the "League of Logics" problem-solving competition, hosted by Google Developer Student Clubs (GDSC) and Masahet Nour.

Education & Certifications:

- **Lebanese International University**   **2022 - Present**
  BS in Computer Science (GPA: 3.7)

- Beginning C++ Programming – From Beginner To Beyond (Udemy Course)
- Programming Bootcamp – programmingadvices.com