AHMED ALAA

ASP.NET Core Backend Developer

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PROFESSIONAL SUMMARY

Freelance ASP.NET Core Developer with hands-on experience building secure, scalable backend systems and full-stack web applications. Specialized in clean architecture, RESTful APIs, and SQL Server–based systems. Strong focus on delivering reliable, maintainable solutions tailored to business needs.

CORE COMPETENCIES

- Backend Development (.NET)
- RESTful API Design
- Clean Architecture & Layered Architecture
- MVC Pattern
- Repository Pattern & Generic Repository
- Unit of Work Pattern
- SOLID Principles

- Factory Pattern
- Object-Oriented Programming
- Database Design & Optimization
- Version Control (Git/GitHub)
- API Testing & Debugging
- Problem Solving & Analytical Thinking
- Desktop Application Development

TECHNICAL SKILLS

Programming Languages: C#, SQL Server, JavaScript, Python, C++

Architecture & Design Patterns: MVC Pattern, Repository Pattern, Generic Repository, Unit of Work, SOLID Principles

Backend & Web Frameworks: ASP.NET Core MVC, ASP.NET Web API, Entity Framework Core

Frontend Basics: HTML, CSS, JavaScript, Bootstrap

Databases: SQL Server

Development Tools: Git, Visual Studio

SOFT SKILLS

- Continuous Learning & Self-Development
- Teamwork & Collaboration
- Effective Communication
- Problem Solving & Critical Thinking
- Attention to Detail
- Time Management

PROFESSIONAL EXPERIENCE

Software Developer

2 Years of Hands-on Development Experience

- Developed scalable backend systems using ASP.NET Core MVC & Web API with clean architecture.
- Built robust data access layers with Repository & Unit of Work patterns for maintainable code.
- Engineered RESTful APIs and optimized SQL Server databases for performance and reliability.
- Developed responsive web apps and WPF desktop applications with intuitive interfaces.
- Managed version control with Git/GitHub and documented code for team collaboration.

KEY PROJECTS

StockMaster - Inventory Management System | [GitHub](#)

Comprehensive system for real-time stock tracking and transaction management. Reduced manual errors and improved visibility.

Technologies: ASP.NET Core MVC, EF Core, SQL Server, Repository Pattern, Unit of Work

Assignment Management System | [GitHub](#)

Desktop app for managing student assignments, courses, and grades with a user-friendly interface and data persistence.

Technologies: WPF, C#, Entity Framework Core, SQL Server

To-Do List Application | [GitHub](#)

Web-based task manager with CRUD operations and user authentication for personal task tracking.

Technologies: ASP.NET Core MVC, Entity Framework Core

StyleHub - E-Commerce Fashion Store | [GitHub](#)

Online fashion store combining elegant design with intuitive functionality for an improved shopping experience.

Technologies: HTML, CSS, JavaScript

CERTIFICATIONS

- **Bootstrap Course** - Tuwaiq Academy & Satr Platform
- **JavaScript 101 Course** - Tuwaiq Academy & Satr Platform

EDUCATION

Fathallah International Applied Technology School

Expected Graduation: 2027

Focus: Software Development and Applied Technology

LANGUAGES

Arabic: Native

English: Professional