

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)
- 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

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: github.com/Eng-ahmed-dev1/StockMaster

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

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

E-Commerce Management System | *GitHub: github.com/Eng-ahmed-dev1/E-Commerce-Management-System*

Professional e-commerce desktop application with product catalog, shopping cart, inventory management, and order processing capabilities for online business operations.

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

Appointment Management System | *GitHub: github.com/Eng-ahmed-dev1/Appointment-Project-WPF*

Robust appointment management system designed to streamline scheduling and booking processes for clinics and medical centers with desktop interface and time slot management.

Technologies: WPF, XAML, Entity Framework Core, SQL Server, MVVM Pattern

Grades Management System | *GitHub: github.com/Eng-ahmed-dev1/Grades-Management-System*

Professional grade initialization and management system with average calculation capabilities to monitor student performance across multiple courses and assignments with role-based access.

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

EDUCATION

Fathallah International Applied Technology School

Expected Graduation: 2027 | Focus: Software Development and Applied Technology

CERTIFICATIONS

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

LANGUAGES

Arabic: Native

English: Professional