

AHMED HEMDAN

.NET Developer

☎ +201070335079

✉ ahmedashrafhemdan74@gmail.com

🌐 [LinkedIn](#)

🐙 [GitHub](#)

🌐 [Portfolio](#)

OBJECTIVE

.NET Developer specializing in scalable service architectures. Proven success designing resilient, high-availability web APIs utilizing **ASP.NET Core**, **Clean Architecture**, **CQRS**, and **SQL Server**. Adept at optimizing database performance and building secure, decoupled backend systems for complex enterprise environments.

EXPERIENCE

Soitmed

Cairo, Egypt

Backend Developer (C#)

Oct 2025 – Present

- Spearheaded the architectural design of robust .NET backend services for a unified enterprise ecosystem, ensuring seamless data integration across multiple client applications.
- Engineered high-performance **ASP.NET Web APIs** using **Clean Architecture** to facilitate real-time synchronization across maintenance, sales, and employee dashboards.
- Designed and optimized a highly normalized **SQL Server** database scaling to 10,000+ active users, implementing advanced Role-Based Access Control (RBAC) across 20+ distinct roles.

German International University (GIU)

Cairo, Egypt

Teaching Assistant - Computer Science

Mar 2025 – Oct 2025

- Instructed over 200 students in advanced **Object-Oriented Programming (OOP)** in C#, distributed system concepts, and algorithmic problem-solving.
- Developed robust curriculum materials emphasizing enterprise **Database Design** and secure RESTful API integration workflows.

Azka

Cairo, Egypt

.NET Developer

Jun 2024 – Mar 2025

- Developed and maintained scalable backend services and RESTful APIs utilizing **.NET Core** and **C#**.
- Collaborated with cross-functional teams to integrate backend logic with frontend architectures and optimize **SQL Server** database performance.

Freelance

Remote

Backend Developer (C#)

Jun 2022 – Present

- Architected and deployed backend infrastructure for 7+ production applications, transforming complex business requirements into resilient **.NET Core** solutions.
- Designed decoupled backend systems utilizing **CQRS** and **MediatR** within **ASP.NET Core**, ensuring highly maintainable and scalable codebases.
- Optimized API latency and throughput by implementing targeted database indexing strategies and executing complex **SQL Server** migrations.
- Developed and documented secure API endpoints to support cross-platform frontend integrations and seamless third-party communication.

FEATURED PROJECTS

Fabricar Ecosystem | .NET, ASP.NET Core, SQL Server Web | iOS | Android

- Architected the backend foundation for a comprehensive automotive service platform handling cross-platform client requests.
- Developed secure and highly available **ASP.NET Core APIs** to manage service bookings, user authentication, and real-time vendor communications.

Soitmed Ecosystem | ASP.NET Core, SQL Server, Cloudflare Tunnels | Portal | Mobile App

- Engineered a massive enterprise backend suite dedicated to medical supply operations, unifying sales, CRM, and maintenance workflows into a single ecosystem.
- Leveraged **ASP.NET Core** to build robust, multi-tenant backend services, deploying secure routing via **Cloudflare Tunnels** for strict infrastructure protection.

- Developed secure backend endpoints powering the **SOIT Employee** mobile application for internal operational management.

Aleefi Platform | *.NET Web API, MediatR, CQRS [Live Site](#)*

- Built a centralized digital marketplace backend, driving complex compound management operations through a clean, modular architecture.
- Implemented **CQRS** and **MediatR** design patterns to strictly separate read and write operations, significantly enhancing overall system scalability.
- Managed domain hosting, backend deployment, and infrastructure orchestration utilizing **DigitalOcean** and **Cloudflare**.

ELPMP Certification Portal | *.NET Core, SQL Server, Web API [Live Site](#)*

- Engineered the core backend systems for a high-traffic PMP certification platform serving thousands of professionals globally.
- Designed complex role-based access architectures and automated certificate generation pipelines using **ASP.NET Web API**.

TECHNICAL SKILLS

Backend & Architecture: C#, .NET Core, ASP.NET Core, Web API, Entity Framework Core, LINQ, CQRS, MediatR, Clean Architecture, RESTful Services, SignalR

Database & Infrastructure: Microsoft SQL Server, T-SQL, DigitalOcean, Cloudflare Tunnels, Docker

Development Tools: Visual Studio, SQL Server Management Studio (SSMS), Cursor AI, Windsurf, Git/GitHub, Postman

Practices: Agile/Scrum, SOLID Principles, System Architecture

Knowledge: React, React Native, Next.js, Expo, HTML, CSS

EDUCATION

Ain Shams University

Bachelor of Science in Computer and Information Sciences

Cairo, Egypt