

Ahmad Alkasem

.Net Developer

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About Me:

Experienced Back-End Developer with a background of **two years** in C# and ASP.NET Core. I have developed and maintained E-Commerce, medical, and educational applications with assured scalability, security, and high performance.

Skilled in Entity Framework Core, LINQ, and SignalR with knowledge of modeling and optimizing RESTful APIs and focusing on Clean Architecture and Domain-Driven Design (DDD) principles. Experienced in managing complicated business logic, integration with third-party services, and database optimization. Excellent problem-solving skills, with **over 450 problems solved on Codeforces**, highlighting my algorithmic and analytical thinking.

Passionate about writing sustainable, efficient code and keeping up-to-date with the newest industry developments.

Work Experience:

BackEnd Developer

Arachnotech | Aleppo, Syria

October 2024 - present

- Created a complete medical management system for medical centers, clinics, and hospitals, managing complex workflows effectively.
- Developed and tuned RESTful APIs in .NET Core and MySQL for smooth data handling and system integration.
- Managed database operations with SQL Server, including schema design, queries optimization, and data integrity.
- Implemented background job processing using Hangfire for appointment reminders, report generation, and data synchronization. Applied design principles such as Clean Architecture and DDD to ensure maintainable and extensible code.
- Developed a sophisticated role-based access control (RBAC) system with complete access or read-only permissions, providing secure and personalized user management. Collaborated with medical experts to customize features for various medical specialities and administrative requirements.
- Utilized managed Git version control and applied CI/CD best practices for efficient development and deployment.

BackEnd Developer

Ulutech | Aleppo, Syria

April 2023 - September 2024

- Developed and maintained backend systems using .NET Core, ensuring scalable and efficient application performance.
- Designed and implemented RESTful APIs for various applications, including eCommerce and internal tools.
- Managed database operations with SQL Server, including schema design, queries optimization, and data integrity.
- Implemented real-time communication features using SignalR to enhance user interaction and responsiveness.
- Applied design principles such as Clean Architecture and DDD to ensure maintainable and extensible code.
- Integrated third-party services and APIs, including JWT for authentication and Swagger for API documentation.
- Collaborated with cross-functional teams to define project requirements and deliver high-quality solutions.
- Troubleshooted and resolved issues efficiently, applying strong problem-solving and algorithmic skills.

Education:

Information Technology
Aleppo University
2020 – 2025

As a fifth-year student, I have expertise in C++, Java, and C# programming languages, as well as algorithms, data structures, and databases. Additionally, I have a strong foundation in mathematics, including analysis, calculus, algebra, discrete mathematics, numerical analysis and probability.

Skills:

C# .NET EF Core Clean Architecture MySQL SQL Server Hangfire SignalR HTML CSS JavaScript JWT
OOP LINQ CQRS Git Linux MVC DDD (Domain-Driven-Design) Dependency Injection Middleware Mediatr
Postman Problem Solving Algorithm .

Soft Skills:

- Collaboration & Communication – Works collaboratively with groups and clearly presents technical concepts.
- Adaptability & Continuous Learning – Picks up new technologies swiftly and follows industry best practices.
- Attention to Detail – Produces clean, readable code with an emphasis on quality and efficiency.
- Time Management – Is able to balance several tasks and deadlines simultaneously.

Sample Projects:

- **Restaurant Chain Management System:** A restaurant chain management system that integrates orders, inventory, staff, and branch operations.
- **E-Commerce Platform:** An eCommerce multi-vendor platform that is scalable to manage products, orders, payments, and inventory.
- **Medical Management System:** A complete system to organize hospitals, clinics, and medical centers, appointments, patient records, billing, and insurance.

Languages:

- Arabic (Native)
- English C1