

Ahmed Hemeda

Software Engineer | Backend .NET Developer

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Objective

Developed projects for diverse clients, applied research, teamwork, and problem-solving.

Continuously invest in learning and growth to stay updated in the software engineering field.

Ranked in the top 1% of LeetCode competitors, and recognized as an Expert on Codeforces.

Ranked among the most active GitHub contributors and among the top LinkedIn profiles in Egypt.

Experience

.NET Developer Intern at Route

Oct 2024 – May 2025

Built scalable .NET APIs and improved performance using LINQ, middleware, and dependency injection.

Managed databases and improved application security and performance, using LINQ in API Project.

Used dependency injection and middleware to solve real-world challenges in a professional setting.

Improved API response time by 35% by optimizing LINQ queries.

Reduced database query load by 20% through caching.

Top Skills: SQL Server | C# | Git, GitHub | ASP.NET Core | LINQ | EF Core | .NET MVC | .NET Web APIs

Software Engineer at Mono

Feb 2024 – Jul 2024

Built responsive and adaptive solutions across multiple projects using web technologies.

Developed and optimized several applications with a focus on performance and scalability.

Participated in technical design meetings, collaborating with developers to define and shape web apps.

Delivered 5 client web applications, reducing deployment time by 40% using CI/CD.

Increased user engagement by 25% after UI performance optimization.

Top Skills: HTML5, CSS3, JavaScript, Dart, Flutter, Firebase, Git, GitHub

Software Engineer Intern at Algoriza

Jun 2023 – Nov 2023

Built a modern travel booking platform using Dart, Flutter, and Firebase.

Gained hands-on experience in a dynamic environment with daily Q&A and collaborative discussions.

Enhanced learning and problem-solving skills.

Top Skills: Dart | Flutter | Firebase | Git, GitHub

Education Qualification

Bachelor's Degree, Computer Science

Arab Open University

Sep 2023

GPA: 3.1 / 4.0 | Grade: B

Dual Bachelor's Degree (British and Egyptian Graduation Certificates)

Activities: ICPC - International Collegiate Programming Contest

Technical Skills

Backend: [C# | OOP | ASP.NET Core | MVC | Web APIs | Microservices | SignalR | WF]

Databases & ORM: [Microsoft SQL Server | LINQ | Entity Framework | EF Core | ADO.NET | Dapper | Redis]

Core Concepts: [Problem Solving | Data Structure | Algorithms | SOLID Principles | Design Patterns | Agile]

Deployment: [Git | GitHub | GitHub Actions | Docker (Containers) | CI/CD Pipelines | Azure]

Frontend: [HTML5 | CSS3 | Bootstrap | jQuery | JavaScript | TypeScript | Angular | React]

Soft Skills: [Research - Team Work - Time Management – Communication Skills]

Projects

E-Commerce API Integration

Developed an integration with the Talabat food delivery platform using RESTful API endpoints. Implemented authentication via Bearer tokens, menu retrieval, order placement, real-time order tracking, and restaurant data management. Ensured secure and efficient communication between application and Talabat services, with error handling and sandbox testing before production deployment.

Reduced order placement time by 15% by optimizing request handling.

Handled up to 500 concurrent requests in sandbox testing without failures.

Order Management System API

Developed a .NET 8 Web API for managing orders, products, customers, and users with secure JWT authentication and role-based authorization. Designed RESTful endpoints with DTO and AutoMapper patterns, implemented global exception handling, structured logging, and input validation. Integrated Swagger for API documentation and testing. Built using Entity Framework Core with an in-memory database for development, supporting admin and customer roles for fine-grained access control.

Implemented JWT authentication handling 100+ concurrent logins during tests.

Language

Arabic (Native) | English (Fluent)