Ahmed Hemeda

Software Engineer | .NET Developer

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Email: 7hemeda@gmail.com   **Portfolio**: a-hemeda.github.io/Portfolio

LinkedIn: linkedin.com/in/a-hemeda   **Codeforces**: codeforces.com/profile/11Hemeda

GitHub: github.com/A-Hemeda   **LeetCode**: leetcode.com/u/A-Hemeda

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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 a Specialist 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 enhanced performance using LINQ, middleware, and dependency injection, managed databases and strengthened application security and efficiency in API projects. Boosted API response time by 35% by optimizing LINQ queries, reduced database load by 20% through caching, and delivered features that decreased request error rate by 15% during testing.

Software Engineer at Mono   Feb 2024 – Jul 2024

Developed an e-commerce app with clean code, responsive frontend, and smooth deployment.

Software Engineer Intern at Algoriza   Jun 2023 – Nov 2023

Developed Weather, Booking, and To-Do Apps with insightful mentoring and team meetings.

Technical Skills

Backend: C# | OOP | ASP.NET Core | Web API | MVC | .NET Framework | SignalR | Microservices

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

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

DevOps & Deployment: Git | GitHub | GitHub Actions | Docker | CI/CD

Programming Languages: C++ | C# | Java | Python | JavaScript

Frontend Technologies: HTML5 | CSS3 | Bootstrap | JS

Soft Skills: Teamwork | Research | Time Management | Communication Skills | Presentation Skills

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Education

Bachelor's Degree, LLB - **Helwan University**   Sep 2018 – Jun 2023

Achievements: ICPC Certificate | Technical Head of Computer Science at Microsoft SC AOU

Projects

Talabat E-Commerce API Integration   (github.com/A-Hemeda/Talabat-E-Commerce)

Developed a comprehensive API integration for a food delivery platform, featuring menu management, order processing, real-time tracking, restaurant data management, and token-based authentication. Built using Entity Framework Core (in-memory database) for testing and rapid development.

Order Management System API   (github.com/A-Hemeda/Order-Management-System)

Developed a comprehensive .NET Web API for managing orders, products, customers, and users. Implemented JWT authentication with role-based authorization, RESTful design, AutoMapper integration, and applied DTO pattern, global exception handling, structured logging, and Swagger documentation for maintainability and scalability.

Examination System   (github.com/A-Hemeda/Examination-System)

Built a secure .NET platform with role-based access and automated grading that reduced manual work by 70%. Added real-time results, dashboards, and analytics providing 30% more actionable insights.

Bank System

Redesigned a procedural bank system and implemented a layered architecture for maintainability and scalability using C#, a CLI or GUI frontend, and Git for version control.

Certificates

Database — ITI (Mahara-Tech)   Oct 2024

Completed training in database design and SQL, built optimized relational databases, and wrote efficient queries to ensure data integrity.   Certificate of Completion

C# with Microsoft — freeCodeCamp   Sep 2024

Learned core C# and .NET concepts, built console apps using Microsoft's best practices, and applied OOP principles in practical projects.   Certificate of Completion

Agile Project Management — LinkedIn Learning   Sep 2024

Studied Agile methods such as Scrum and Kanban, strengthened teamwork and iterative planning, and delivered adaptable high-performing projects.   Certificate of Completion

Foundations of Project Management — Google (Coursera)   Jan 2024

Completed Google Project Management training, learned planning, scheduling, and stakeholder management, and gained practical project execution skills.   Certificate of Completion

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Languages

Arabic – Native   **English** – Fluent