

Ahmed Abouelwafa Mohamed

Software Engineer | Full Stack (.NET & Angular) Developer

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OBJECTIVE

I'm specialized in Full Stack .NET Developer with solid foundations in C#, ASP.NET Core, Angular, and SQL Server. Experienced in building scalable applications using Clean Architecture, SOLID principles, and CQRS. Seeking to contribute to enterprise systems while expanding expertise in Microservices, Docker, RabbitMQ, and modern development practices.

PROFESSIONAL EXPERIENCE

Session Lead (.NET Stack Development)

Nov 2025 – Present

Udacity

As a Session Lead at Udacity, I facilitate advanced mentorship for learners in the .NET Stack Development track, driving their technical growth through in-depth discussions, code reviews, and hands-on guidance. My responsibilities include ensuring learners master both backend and frontend development concepts using C#, ASP.NET Core, and SQL Server, while adhering to enterprise-grade software design principles.

Software Engineer / .NET Instructor

AMIT Learning

Sep 2025 – Present

I have been working as a Software Engineer and .NET Instructor at AMIT Learning, where I deliver training sessions in C#, OOP, Entity Framework Core, and SQL Server. My role involves guiding students and junior developers through hands-on projects, helping them apply industry best practices such as clean architecture, SOLID principles, and real-world problem-solving to build scalable and maintainable applications.

SKILLS

Back-End

C#, .NET Core, ASP.NET Web API, ASP.NET MVC, Entity Framework Core, SQL Server, LINQ, Stored Procedures, Clean Architecture, SOLID Principles, Design Patterns (Factory, Singleton, Observer, Strategy), CQRS, DDD (Domain-Driven Design), Microservices, RabbitMQ, Hangfire, Docker ,Unit Testing (xUnit, NUnit, Moq)

Front-End

HTML5, CSS3, JavaScript, TypeScript, Angular (Standalone Components, NgRx), React (Hooks, Context API), Tailwind CSS, Bootstrap, Responsive Design, SPA (Single Page Applications), REST API Integration, State Management, Component-based Architecture.

Development Practices & Patterns

Git/GitHub/GitLab, Repository Pattern, Unit of Work (UoW), N-Tier Architecture, Clean Architecture, SOLID Principles, Design Patterns, Agile & Scrum Methodologies, TDD (Test Driven Development), Code Review & Pair Programming, Refactoring & Performance Optimization.

Soft Skills

Communication, Problem Solving, Critical Thinking, Time Management, Teamwork, Adaptability, Leadership, Mentorship, Presentation & Training Skills

EDUCATION

Full Stack .NET Developer Graduate

Information Technology Institute (ITI)

March 2025 – July 2025

- Advanced training in ASP.NET Core, Angular, and SQL Server for enterprise-grade solutions.
- Building scalable full-stack applications with RESTful APIs and optimized databases.
- Implementing Clean Architecture, SOLID principles, and Design Patterns in team projects.
- Leveraging Git, CQRS, Microservices, RabbitMQ, and Hangfire in Agile environments.

Bachelor's degree in Computers and Information 2019 – 2023

Grade: GPA (3.33/4)

PROJECTS

AseerAlKotb

An online bookstore built as a full-stack application using Angular for the frontend and ASP.NET Core for the backend.

- Frontend: Developed with Angular standalone components and implemented NgRx for efficient state management.
- Backend: Designed and implemented RESTful APIs, integrated with SQL Server, and implemented secure authentication and role-based authorization.
- GitHub : [Frontend](#) | [Backend](#)
- Live : [AseerAlKotb](#) ↗

E-company Hub

A full-stack company management web application built with Angular (frontend) and ASP.NET Core (backend).

- Designed and developed a responsive, user-friendly interface for managing employees, departments, and projects.
- Implemented secure authentication and role-based authorization to ensure data privacy
- GitHub : [Frontend](#) | [Backend](#)

Huroof – Chrome Extension

A lightweight Chrome extension that converts mistyped Arabic and English letters in real time.

- Built with JavaScript, HTML, and CSS, and designed for fast, offline use.
Added a keyboard shortcut (Ctrl + Shift + M) for instant text correction across webpages.
- GitHub : [Backend](#)

PC Bundle Store ↗

Developed a multi-page responsive e-commerce website for PC bundles using HTML5, CSS3, and Vanilla JavaScript. Implemented smooth animations, hover effects, and animated scrolling, with

- Live : [Pc Bundle Store](#) ↗