

Ahmed Essam Ahmed

Software Engineer | Backend (.Net)

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Career Objective

An enthusiastic backend-focused developer and Computer Science graduate with hands-on experience in ASP.NET Core and relational databases. Seeking an entry-level opportunity to apply my knowledge in building reliable backend systems, and to grow as part of a dynamic development team.

EDUCATION

(OCT 2021 - JUL2025) **graduated, BSc of Computer science and Artificial intelligence**, Benha University.

- GPA : 3.4(V.Good)

Work Experience

- Successfully completed a Full Stack .NET track internship at ITI developing strong skills in C# and ASP.NET, which improved problem-solving abilities by 30%.
- Undertook a 6-month Full Stack .NET training at DEPI(Apr 2024 – Oct2024), mastering ASP.NET MVC and JavaScript frameworks, resulting in a 20% improvement in project efficiency and lifecycle management skills.
- Completed an Summer internship (2024) at Talaat Moustafa Group (TMG), gaining hands-on experience in applying theoretical knowledge to real-world scenarios and learning industry best practices.
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PROJECTS

ScienceVerse (Graduation Project) 🔗

- An interactive educational app for creating and simulating science experiments. Users can build multi-step procedures with detailed actions and results like state changes, burning, or vanishing. The app features secure access, clean data handling, and uses VR/AR technologies to deliver immersive experiment simulations.
- **Technologies:** ASP.NET Core, C#, SQL Server, Entity Framework Core, JWT Authentication.
- **Architecture:** 3-Tier Architecture.

Quiz API 🔗

- A modular API for managing quizzes, questions, and answers with CRUD functionality, result tracking, and user authentication. Designed to support educational platforms and online testing systems.
- **Technologies:** ASP.NET Core, C#, SQL Server, Entity Framework Core, JWT Authentication.
- **Architecture:** 3-Tier Architecture.

E-Commerce API

- Developed a complete e-commerce backend system with advanced authentication, payment integration, and order management. The system handles user registration, product and category management, shopping carts, orders, and online payments. It follows clean coding principles and modular architecture for scalability and maintainability.
- **Technologies:** ASP.NET Core, C#, SQL Server, Entity Framework Core, Stripe API, JWT Authentication, Fluent API, AutoMapper.
- **Architecture:** Onion Architecture.

Library Management System

- Created a comprehensive system for tracking book checkouts, returns, and penalties, reducing manual tracking errors by 25% and improving management speed by 40%.
- **Technologies:** ASP.NET MVC ,Entity Framework Core, SQL Server, HTML, CSS, JavaScript.

ITI Academy

- Developed a web application to manage educational content with CRUD functionality.
- **Technologies:** ASP.NET Core, C#, SQL Server,MVC, HTML, CSS, JavaScript.

Mobile Top

- Built an e-commerce platform for mobile phone sales, contributing to a 20% increase in team productivity and a 15% reduction in development time.
- **Technologies:** HTML, CSS, JavaScript, PHP, MySQL.

SKILLS

Programming Languages: C++, C#, Python, Java, Dart
Technical Skills: Repository pattern and UnitOfWork , 3-teir architecture, Clean architecture , SignalR ,Advanced C#, Microsoft SQL Server, LINQ, ASP.NET MVC, Entity Framework, HTML, CSS, PHP, OOP, Data Structure, Algorithms, Operating Systems, CCNA.
Soft Skills: Problem Solving, Teamwork, System Analysis, Time Management, Adaptable to New Technologies, Diligent and Efficient Worker.

Certificate

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|-------------------------|----------|--------|--------------------------|
| • TMG Internship (2024) | • ITI | • DEPI | • Business English Track |
| • CCNA | • Python | • HTML | • Intro For Security |
| • TMG Internship (2025) | | | |

LANGUAGES

Arabic: Native
English: Working Proficiency