

# Ahmed Essam Ahmed

## Software Engineer

✉ ahmedeliwa228@gmail.com | ☎ 01146872172 | 🌐 ahmedessam228 | in Ahmed Essam ELiwa

### Career Objective

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A highly motivated and fast-learning Computer Science graduate with practical experience in .NET backend development. Passionate about building efficient software solutions and eager to grow as a versatile Software Engineer. Seeking an opportunity to contribute to real-world projects, collaborate with experienced teams, and continuously enhance my skills across the software development lifecycle.

### EDUCATION

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

- GPA : 3.433(V.Good)

### Work Experience

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- Successfully completed a Full Stack .NET track internship at ITI developing strong skills in C# and ASP.NET, which improved problem-solving abilities.
- 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

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#### 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:** 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