

# Alhussien Ahmed Hamed

## Backend .Net Developer

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### PROFILE

.NET developer with a strong foundation in MVC and API development, skilled in multiple languages including C++, Java, and C#. A Computer Science graduate with hands-on experience across diverse projects and three companies, demonstrating adaptability and continuous learning in various technologies to deliver high-quality software solutions.

### EDUCATION

#### Bachelor's Degree In Computer Science

Faculty of science, Ain Shams university

2018 – 2022

### PROFESSIONAL EXPERIENCE

#### Backend .Net Developer

StockTech

08/2024 – present | cairo, egypt

##### Role:

- Responsible for the continuous development, enhancement, and maintenance of an ERP system tailored for wholesalers, ensuring the system remains efficient and adaptable to evolving business needs.
- Oversee and manage the integration with Odoo to ensure consistent communication and data exchange between systems.
- Ensure the ERP system is aligned with the organization's strategic goals, optimizing workflow efficiency and accuracy for wholesalers.

#### Backend .Net Developer

Best Top Systems 🌐

03/2024 – 07/2024 | cairo, Egypt

##### Role:

- Design and develop software applications using .NET technologies, including C#, ASP.NET, and .NET Core Like Online Shopping and JudicialRetire.
- Implement security measures, such as authentication and authorization, to protect sensitive data.

#### IT Specialist

United Group Egypt 🌐

07/2022 – 12/2022 | cairo, Egypt

### SKILLS

#### Proficient

C# - ASP.NET Core (Web API, MVC) - Entity Framework - LINQ - OOP - Problem Solving - Aws - Design pattern(DDD) - Java - Database (MySQL - Microsoft Sql Server - Postgres)

#### Familiar

Html - Css - Javascript - Angular 17 - C++ - Python - Algorithms - Datastructure - php - Network - Crypto.

### PROJECTS

#### Benzeny

Fleet Fuel Management System

- Developed for companies in Saudi Arabia to allocate monthly budgets for fuel and vehicle services like car washes. The system integrates with Nymcard for secure fund transfers and uses socket programming to manage real-time transactions between banks and fuel stations. A mobile app with Google Maps integration helps drivers locate nearby stations. Built using ASP.NET with Clean Code principles for scalability and efficiency.

#### Adros

Online Courses Platform

- Developed an ASP.NET 8 web application with Clean Code principles to deliver online courses while ensuring video content security. Integrated with a desktop player via API to prevent screenshots and screen recording. Built a dedicated instance for the Egyptian market, leveraging Microsoft SQL Server for data management.

#### Stock

ERP System for Wholesalers

- Developed a comprehensive ERP system using ASP.NET Core and AWS services (EC2, S3, Lambda, API Gateway, CloudFront, SNS, RDS, SQS) to manage inventory, warehouses, and order fulfillment. Integrated with Odoo for payment processing while ensuring system independence using AWS SQS and API Gateway. Applied clean code principles and architectural patterns like DDD and Repository Pattern for scalability and maintainability.

#### JudicialRetire

- Built a .NET API to compute judges' retirement benefits, considering factors such as family status, service duration, and medical allowances. Secured the system with JWT authentication and role-based access control using ASP.NET Identity. Adopted best practices with clean coding, layered architecture, and the Repository Pattern to improve scalability and maintainability.

#### ElectroBuy

- Developed an online electronics shopping platform offering products like smartphones and appliances, with multiple payment methods for convenience and a focus on user experience and scalability.

#### Momenta - Graduation Project

- Developed a web and Android-based Alert Management System for patients, sending medication reminders and notifying relatives, with options to manage contacts and modify alert schedules.