Mohamed Mahmoud Saad
ASP.NET Developer

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Summary

Committed junior .NET developer skilled in C#, ASP.NET Core and and software development, dedicated to continuous improvement. Seeking to evolve into a product-minded software engineer, combining technical expertise with a user-centered approach. Eager to contribute to innovative projects through collaborative teamwork and ongoing learning.

Education

Bachelor of Computer Science
Faculty of Computers and Information, Kafr El Sheikh University, Egypt **Expected Graduation: August 2026**

- **GPA: 3.5 (Very Good)**

Internships & Experience

Digital Egypt Pioneers Program Ministry of Communications and Information Technology
Full Stack ASP.NET Core Developer Intern

- Gained hands-on experience with the following technologies and tools:

    Backend Development: C#, SQL, .NET Core Web API, .NET Core Web MVC.

    Frontend Development: HTML5, CSS, JavaScript.

    Version Control: Git, GitHub.

    Software Practices: Unit testing, functional documentation.

    DevOps Basics: Containerization using Docker.

- Worked on developing full-stack web applications, adhering to Agile methodologies.

- Collaborated in teams to design and implement software solutions, ensuring functionality and scalability.

- Delivered high-quality code while documenting and testing applications for optimal performance.

Projects

Online Book Store - (E-commerce Asp .Net Core MVC Web Application) - **Link**

- Designed and developed a dynamic e-commerce platform using ASP.NET Core MVC, SQL Server, Entity Framework, Bootstrap v5, HTML5, and JavaScript to deliver a seamless user experience and efficient system management.

- Architectured with ASP.NET Core Identity for secure authentication, with automated seed database migrations. Applied Dependency Injection, Unit of Work, and N-Tier architecture for maintainability, scalability, and flexibility. Utilized the Repository Pattern for efficient database management.

- Has features like Streamlined product management and intuitive shopping cart functionality, Comprehensive order management system with tracking, shipping and cancellation options. Flexible user and role management with secure registration and password recovery mechanisms. Integration of the Stripe payment gateway for seamless transactions. Multi-images upload functionality for enhanced product presentation. Utilization of view components, external login, and email confirmation for an enriched user experience. Integrated DataTables API for efficient product display.

Game Zone - (Crud Operation) - **Link**

- A web application built using modern web development technologies including ASP .NET Core MVC, SQL Server, and Entity Framework. The system allows management of games including basic CRUD operations (Create, Read, Update, Delete), utilizing concepts like LINQ, Bootstrap v5, HTML5, JavaScript, and Ajax.

- Architectured with N-Tier Architecture, Repository Pattern, and Dependency Injection: for organizing the code and making it maintainable and easy to develop.

Skills

- **Languages** : C#, Advanced C#, C++, HTML5, CSS3

- **Frameworks** : ASP .Net Core (MVC , RESTful Web API)

- **Concepts** : OOP Analysis, and Design, Design Principles, clean code, ORM (Entity FrameWork), Linq, Unite Of Work, N-tier architecture, Data Structures, Algorithm, Problem Solving

- **Databases** : Microsoft SQL

- **Tools** : GitHub, Git

- **Interpersonal skills** : Communication skills, time management, self-learning, Proactive, flexibility

Online Courses & Certifications

- .NET Core MVC - The Complete Guide 2024 [.NET8] (Udemy)

Languages

- **Arabic** : Native

- **English** : Very Good