Mostafa Elshenawy

FullStack Developer | .NET Developer
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Summary

Motivated and detail-oriented Backend Developer with hands-on experience building scalable APIs and web applications using .NET technologies. Skilled in designing efficient, maintainable systems with strong knowledge of clean architecture, authentication, payment integration, and database management. Passionate about solving real-world problems with innovative backend solutions and continuously learning new technologies.

Education

Faculty of Computers and Artificial Intelligence, Helwan University   Oct. 2020 – Jun. 2024
Bachelor of Computer Science   *GPA: 3.03/4.0*

CERTIFICATE & COURSES

Route Diploma   Nov. 2024 – May 2025
- Learning about Asp.Net core MVC and Api, ERD and database design, Entity Framework, LINQ, C#, Design pattern
- Developed scalable and secure ASP.NET Core Web APIs, MVC applications Using C#
- Built e-commerce demonstrating expertise in data management and user experience.

Coach Academy PST - Online   Aug. 2022 – Oct. 2022
Certified Problem solving level 1 and 2
- Learning about problem-solving Algorithms such as binary search, prefix sum, and STLS.
- Learning about data structure, number theory, and sorting algorithms.
- Learning about recursion, two-pointers, frequency array, and bitmasks.

Projects

E-Commerce / *API*   ○ **GitHub**
- Developed a full-featured Order Management System using .NET Framework with clean architecture (Repository Pattern, Unit of Work, AutoMapper).
- Implemented CRUD operations, secured with JWT authentication, integrated Stripe for payments, and centralized exception handling for reliable performance.

Check Eye Pro / *Graduation Projrct* / *API*   ○ **GitHub**
- A healthcare management system that connects doctors and patients, enabling appointment tracking, medical observations, and consultation insights. Features include secure logins, email communication, payments via Stripe, and AI-driven predictions to support doctors in making informed clinical decisions based on patient data.

Bookify / *MVC*   ○ **GitHub**
- Built a responsive online book borrowing system using .NET Framework, ASP.NET MVC, .NET Core, and Entity Framework Core.
- Implemented advanced browsing with DataTables, including pagination, sorting, and real-time availability.
- Developed an admin panel for efficient management of books, authors, and categories.

Social Media App/ (ASP.NET Core & Angular)   ○ **GitHub**
- Built a full-stack social media app using ASP.NET Core and Angular. Features include JWT authentication, real-time messaging, posts, comments, likes, and media uploads. Applied clean architecture and used MS SQL to ensure scalability, maintainability, and performance.

Technical Skills

- **Programming Languages**: C#, C++, TypeScript, SQL, HTML, CSS.
- **Backend Development:** ASP.NET MVC, ASP.NET Web API, .NET Framework, .NET Core, EF Core, LINQ.
- **Frontend Technologies**: Angular, Bootstrap.
- **Database Technologies**: PostgreSQL, MS SQL.
- **Developer Tools**: Visual Studio, Visual Studio Code (VS Code).
- **Version Control & DevOps**: Git, GitHub, Azure DevOps.

Soft Skills

- **Problem-Solving**: Strong analytical thinking with a focus on creating innovative and effective solutions.
- **Adaptability**: Quick learner with the ability to adjust and perform in fast-paced, dynamic environments.
- **Communication**: Clear and concise technical communication skills with a strong emphasis on collaboration and teamwork.