Shady Mohamed

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○ github.com/Shady-Mo

Profile

Passionate back-end developer specializing in ASP.NET Core, Entity Framework, and SQL Server, with a track record of building scalable enterprise solutions. Proven competitive programmer and ECPC finalist with advanced problem-solving skills in C++, C, and Python. Adept at delivering robust projects and collaborating in fast-paced, high-performance technical environments. I have solid experience with front-end technologies such as HTML, CSS, JavaScript, Bootstrap, and JQuery, enabling meto contribute effectively across the full stack and deliver seamless user experiences.

Education

2021 – 2025 **Bachelor of Computer Science**
Benha University - Faculty of Computers and Artificial Intelligence
GPA: 3.67 / 4.0
Graduation Project: Virtual E-Commerce ⧉

Courses

10/2024 – 05/2025 **Full-Stack .NET Development**
DEPI - ACICT
6-month intensive program focused on ASP.NET ⧉ , Entity Framework, Unit Testing, and modern JavaScript frameworks.
Graduation Project: HR Management System ⧉

Professional Experience

07/2023 – 10/2023 **SCALE AI**
Remote, USA *Competitive Coding AI Trainer*
- Worked remotely as a freelance coding AI model tester for SCALE AI, USA.
- Completed 67 coding tasks with 100% accuracy, encompassing problem-solving using C++ and Python.
- Developed and executed comprehensive test cases, ensuring robust and reliable AI training.
- Authored high-quality summaries and editorials for coding challenges, supporting advanced generative AI development.
- Contributed to the Dolphin Project by designing and solving complex coding challenges, directly enhancing the generative AI model.

Projects

Virtual E-Commerce
Graduation project focused on **virtual try-on** for products using AI, and included developing a robust backend system for an e-commerce platform using **ASP.NET Core**.
- **User authentication and role-based authorization** using **JWT** and **ASP.NET Identity**.
- Shopping cart and order management workflows.
- Customer feedback and ratings for products.
- Favorites functionality for merchants and products.
- **RESTful APIs** for all major entities: products, users, orders, shopping carts, and feedback.
Source Code: https://github.com/Shady-Mo/E-Commerce ⧉

HR Management System

HRMS is a comprehensive, web-based Human Resource Management System designed to streamline and automate HR processes for organizations of any size. The system is built using the MVC (Model-View-Controller) architectural pattern with a strong separation of concerns, enabling scalability and maintainability.

- **Secure user authentication and role-based authorization** with **ASP.NET Identity**.
- **Responsive and user-friendly interface** built with HTML, CSS, JavaScript, and Razor Views.
- MVC controllers provide endpoints for all major HR entities and processes.
- Integrated **Stripe payment processing** for secure online payments, supporting payroll and service transactions.

Source Code: https://github.com/Shady-Mo/HRMS-DEPI ⌐

Skills

Programming Languages
C#, C, C++, Python, Java, JavaScript, HTML, CSS

Databases
Oracle, SQL Server

Miscellaneous
Git, Shell, Bash, Microsoft Office, Google (Sheet/Documents/Presentation)

Tools & Concepts
GitHub, Problem-Solving, Competitive Programming, Data Structures, Algorithms, OOP, SOLID Principles, Design Patterns

Frameworks & Libraries
ASP.NET Core, ASP.NET MVC, Entity Framework, Tailwind CSS, Bootstrap, JQuery, GSAP

API Development & Testing
RESTful APIs, Postman, Swagger

Operating Systems
Windows, Linux

Soft Skills
Communication, Teamwork, Leadership, Decision-Making, Time management

Certificates

- DEPI Full-Stack .Net Web Developer ⌐
- HackerRank Problem Solving ⌐
- ECPC Finalist Contest ⌐
- ECPC Qualification Contest ⌐

Languages

Arabic
Native

English
Advanced

Deutch
Beginner