Omar Reda
.NET Developer

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Location: Nasr City, Egypt

Professional Summary:
Computer Science graduate with a keen interest in ASP.NET development. Armed with a solid understanding of algorithms, data structures, Ready to apply my skills to real world projects. Proficient in C# and backed by hands-on experience from collaborative coding projects, Bring adaptability, and a commitment to continuous learning. Eager to contribute to a development team and bring innovative solutions to the forefront of the tech industry

Links:

LinkedIn URL: Omar Reda
GitHub: Omar11Reda22

Education & Certifications:
Institution: Misr Higher Institute For Computer science
Graduation Year: 2023
Relevant Coursework :
1 - Data Structures   2- Database Management   3-Network   4-operating system
5-Agile   6-SWE
Certifications:
Certificate of Achievement ACPC Championship 2022
ACPC Certificate - Google Drive

Skills:

- **Languages:** C#, JavaScript ,HTML,CSS
- **Frameworks & Technologies:**
  ASP.NET MVC, .NET Core, Entity Framework, LINQ, RESTful API, JWT
- **Version Control :** GIT-GITHUB
- **Databases:** Microsoft SQL Server
- **Design Patterns:** Repository,
- **Architecture Pattern :** Clean architecture (CQRS - MediatR)
- **Testing:** Unit Testing

Language:

Arabic: Native
English: Professional working proficiency

Projects:

1) Footprint Calculator:
GitHub URL: Footprint Calculator
Description: Created a .NET MVC application to evaluate users' carbon footprint based on lifestyle choices.
Feature: Interactive questionnaire, dynamic assessment, results display.
Questionnaire: Users answer questions across 4 main sections: Food, Home, Waste, and Transportation.
Dynamic Assessment: The system analyzes the user's responses to calculate their CO_2 emissions.
Results Display: Provides a detailed view of the user's carbon footprint, represented as a CO_2 percentage, helping users understand their environmental impact.
Achievement: Engineered a dynamic Footprint Calculator using .NET MVC framework, increasing user engagement by 40% through interactive sections on Food, Home, Waste, and Transportation
Tech Stack: .NET 7(MVC) - EF 7 - MS SQL

2) Game Store:
GitHub URL: **Game Store**
Description: Developed an MVC project for managing a game store.
Tech Stack: .NET 7 MVC - EF 7 - MS SQL – Repository

3) Vacancy system:
GitHub URL: Vacancy System
Description: Implemented a system for managing job vacancies and applications.

Achievement: Facilitated the management of 100+ job vacancies and streamlined the application process for over 300 applicants.
Tech Stack: .NET 7 - EF 7 - MS SQL - Services – Repository-AutoMapper

    4) Web-Movie:
GitHub URL: [Web Movie](#)
Description: CRUD operation with movies APIs
Tech Stack: .NET 7 - EF 7 - MS SQL - Services – Repository

    5) Court Management System:
Description: Developed a comprehensive system for managing court processes using ADO.NET for data handling and CRUD operations.
Features: Case management, user roles (judges, lawyers), secure data management.
Achievement: Enabled secure data management and access for over 200 cases, enhancing the accuracy and reliability of court records.
Tech Stack: .NET, ADO.NET, SQL Server
GitHub : [Court Management](#)