Omar Mohamed Reda

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Career Objective

Computer science student interested in programming specified in Backend development. I have professional experience in C#, .NET Core and SQL Server database, with a track record of enhancing backend services for seamless integration with front-end systems. I keep myself up to date with the latest technologies in Web development, I am currently searching for a job where I can apply my skills and contribute to impactful projects.

Education

Bachelor's degree from the faculty of Computer & Information Science, Mansoura University (MU).
Major: Computer Science.   (2021-2025)

Projects

1)Water Supply Store: Rebo Link   (November 2024)

-Developed a CRUD-based water supply website using ASP.NET MVC, allowing users to create, read, edit, and delete products. Integrated Entity Framework for database management, Microsoft Identity for user authentication, and implemented features like product image uploads with validation and database seeding for streamlined content management.

Technologies: ASP.NET MVC

2)Task Manager App: Repo Link   (March 2024)

- Task-Manager is a simple app that helps you manage your daily tasks efficiently. It allows users to create, edit, and delete tasks with ease, providing an intuitive and user-friendly experience.

Technologies: HTML, CSS, Java Script.

3) MyHome E-commerce: Repo Link   (December 2022)

- Is a straightforward website that showcases products and provides information about the company, including contact details and background on the project owners. It allows users to browse available products easily.

Technologies: HTML, CSS.

Training and Courses

1) .Net Backend Training: by Digital Egypt Pioneers Initiative (**DEPI**)   (April 2024 - now)

- Intensive training focused on advanced backend development using .NET technologies, including C#, .NET Core, Entity Framework Core (EF Core), and SQL Server**.**
- Covered key topics such as database management, RESTful API development, security protocols, authentication and authorization (JWT, OAuth), and deployment strategies using cloud services.

- Practical experience with designing scalable architectures, integrating third-party services, and implementing best practices for optimizing performance.
- Gained hands-on experience with real-world projects, enhancing backend services for high-performance web applications, and collaborating in an agile team environment.

2) .Net Backend Training: by Information Technology Institute **(ITI)**   (July – August 2024)

- Intensive training on C#, SQL Database, MVC, and Entity Framework (EF) Core.
- Gained hands-on experience in developing robust and scalable .NET applications.

3) Software Engineering (SWE) ALX Program: by **ALX Africa**   (October2023– March 2024)

- 6-month program focused on software engineering fundamentals and hands-on experience with real-world projects.
- Skills acquired: Object-Oriented Programming, Algorithms, Data Structures, Web Development, and more.

Extracurricular Activities

1) Logistics Member: at CIS Team, Mansoura University.   (December 2023 - now)

Responsibilities:
- Assisted in organizing and coordinating university events and activities within the logistics circle.
- Worked with cross-functional teams to ensure smooth execution of events and tasks.
- Developed strong problem-solving and teamwork skills through managing event logistics.

2) Backend Member: at CAT Reloaded Team, Mansoura University.   (November 2023 - now)

Responsibilities:
- Actively participated in team discussions and learning sessions focused on backend technologies.
- Assisted teammates in improving their technical skills, particularly in backend development using .NET Core.
- Gained hands-on experience in backend development processes and collaborative teamwork.

Skills

Technical:

- C# and NET Core expertise
- RESTful APIs.
- Teamwork.
- Communication.
- MVC.
- Git | GitHub.
- SQL databases.
- Strong problem-solving.
- Clean code.
- OOP

Languages:

- Arabic (Native)
- English (Intermediate)