Mosaad Ahmed Shehata
Backend Developer[.Net Core]

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SUMMARY

I am a highly motivated Computer Science graduate with a strong passion for web development and a solid foundation in .NET Core technologies, specializing in building robust server-side applications. With Two year of professional experience working at companies like Modarby and Namaa Infologistic, as well as additional experience as a freelance developer, I am eager to continue growing both personally and professionally. I am seeking a challenging position where I can contribute to the success and growth of an innovative organization while further honing my skills.

EDUCATION

• **Faculty of Computer and Information Sciences | KafrElshikh University 2020– 2024**

Bachelor of Computing in Computer Science Major in Information Systems (IS).
Grade: Excellent.

INTERNSHIPS

Summer Workshops in Web Development

JUL 2022 – AUG 2022

- Learned the foundational principles of web development, gaining valuable insights into back-end technologies.

Information Technology Institute (ITI) | Summer internship in Digital Marketing

AUG 2023 – OCT 2023

- I learned a lot about digital marketing platforms and how can I market my product

Head Of Backend At Google Developer Student Clubs - GDSC KafrElshikh University

AUG 2023 – OCT 2024

- I train many students in those interested in track to keep pace with the labor market by studying all updates for Microsoft as well as making projects with a clean code, which is Supported by Google

Head Of Backend At MSP Tech Club - KafrElshikh University

AUG 2023 – OCT 2024

- which is Supported by Microsoft

Head Of Backend At Hacker Rank - Alexandria University
AUG 2024 – OCT 2025

TECINICAL SKILLS

- **Back-End**
  - C#
  - Entity Framework Core
  - LINQ
  - ASP.NET Core MVC
  - ASP.NET Core Web API
  - SQL Server
  - RESTAPI & postman & swagger
  - Distributed Caching

- **General Concepts**
  - OOP & Design Patterns
  - Algorithm & Data Structure
  - Git & GitHub
  - Skilled AI Tools Utilization

PROJECTS

E-Commerce API: 🔗

- Built with .NET Core, this application employs advanced architectural patterns like Onion Architecture, MediatR, and CQRS for maintainability and scalability. It offers secure JWT authentication, product and order management, user role handling, Stripe and PayPal payment integration, Redis caching, and background task management with Hangfire.

Fish Shield API: 🔗

- Developed using .NET Core, this application creates APIs for periodic check-ups to detect issues early in software projects. Utilizes C# and advanced architectural patterns for maintainability, ensuring reliable and efficient problem detection.

Apriori Algorithm: 🔗

- Developed using C# to implement the Apriori algorithm for mining frequent itemsets and learning association rules. Utilizes advanced patterns to ensure maintainability and efficiency, providing a robust solution for data analysis and pattern recognition.

Algorithms of Decisions Project: 🔗

- This Windows Form Application, developed using C#, implements decision-making algorithms including Minimax, Maxmax, and Maxmini. Utilizing C# to efficiently execute these algorithms, it provides a robust platform for decision analysis and support.

Hotel Management System (HMS): 🔗

- Developed using ASP.NET MVC Core for managing hotel bookings, this application features controllers to handle operations for rooms, bookings, payments, and users. Utilizing MVC architecture, it ensures a clean and maintainable codebase, supporting CRUD operations for room types, payment types, booking statuses, and user levels.

LANGUAGE

- **Arabic:** Native
- **English:** Very Good