

Mohammed Hashem

Backend .NET Developer

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PROFESSIONAL SUMMARY

Backend .NET Developer specializing in .NET Framework, ASP.NET Core, and modern web development technologies. Proven ability to build comprehensive software solutions including e-commerce applications with payment integrations, healthcare reporting systems, and database optimization.

TECHNICAL SKILLS

Programming Languages: C, C++, C#, Java, Python

Web Development: ASP.NET Core MVC, ASP.NET Web API, Entity Framework, LINQ, ADO, SQL Server, REST APIs, HTML5, CSS3, JavaScript, jQuery, Bootstrap, Angular

Development Concepts: OOP, SOLID Design Principles, Software Development Life Cycle (SDLC)

Tools & Technologies: Git Version Control, Azure, Agile, Visual Studio, VS Code, SSMS, Swagger, OpenAPI

Soft Skills: Problem Solving, Team Leadership, Communication, Time Management, Adaptability

EDUCATION

Bachelor of Computer Science

Luxor University | September 2018 - July 2022

GPA: 3.25/4.00

Relevant Coursework: Object-Oriented Programming, Database Management, Data Structures, Algorithms, Operating Systems (Linux), Computer Security

PROFESSIONAL EXPERIENCE

Software Developer (Military Service)

Kobry El Kobbba Medical Complex,

June 2023 - June 2024

- Developed comprehensive web-based patient reporting system using ASP.NET Core MVC and SQL Server
- Built automated medical reporting dashboard that generates daily, weekly, and monthly patient analytics for hospital administration
- Redesigned database indexing strategy and implemented efficient stored procedures for complex patient data retrieval operations
- Managed IT infrastructure and network systems, achieving 99% system availability and 10% improvement in uptime
- Designed and installed hardware configurations, increasing overall system performance by 15%

TECHNICAL PROJECTS

Bookify - E-Commerce Book Store Application

Feb 2025 - May 2025 | [GitHub Repository](#)

- Built full-stack e-commerce web application with user authentication and Stripe payment integration
- Implemented role-based access control and social login using ASP.NET Core Identity
- Developed responsive user interface with modern web technologies
- Technologies:** C#, ASP.NET Core MVC 9.0, Entity Framework Core, SQL Server, HTML5, CSS3, Bootstrap 5, JavaScript, layered architecture, repository pattern, Unit of work

Napta - Social Networking Platform (Graduation Project)

2022 | Grade: A+ | [GitHub Repository](#)

- Led team of 4 developers in building social networking platform for farmers
 - Contributed to application security by implementing code reviews and secure coding practices
 - Facilitated knowledge sharing platform improving agricultural productivity
 - Designed optimal database architecture for efficient data processing
 - **Technologies:** C#, .NET MVC, Entity Framework, SQL Server, .NET Web API, REST APIs
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ACHIEVEMENTS

- **Egyptian Collegiate Programming Contest** participant for two consecutive years (2019, 2020)
 - Achieved 66% improvement in competitive programming ranking from 2019 to 2020
 - **5th Place** in problem-solving training at ICPC Assiut Community 2019 (150+ participants)
 - Successfully coached 5 programming teams with 2 teams advancing to ECPC regional finals
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VOLUNTEER EXPERIENCE

Instructor, Mentor & Problem Setter

ICPC Luxor Community | August 2019 - Present

- Teach coding fundamentals and advanced algorithms to college students
- Develop training materials and programming problems for competitive programming
- Mentor students in data structures, algorithms, and problem-solving techniques

Programming Coach

Egyptian Collegiate Programming Contest (ECPC)

- Coached 5 competitive programming teams
 - Achieved 40% success rate with 2 teams advancing to regional finals
 - Developed training programs focused on algorithmic problem solving
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LANGUAGES

Arabic: Native

English: Professional Working Proficiency