

Omar Salah Mohamed

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GitHub: github.com/omarr23

Professional Summary

Analytical and solution-oriented Software Developer with experience in developing scalable .NET applications using C# and ASP.NET. Skilled in writing clean, efficient code and collaborating with teams to design, develop, and deploy features. Strong debugging and performance optimization abilities. Dedicated to staying updated with advancements in .NET technologies.

Education

Bachelor of Computer Science

Teba Academy, Cairo, Egypt

Expected Graduation: June 2025

Technical Skills

- **Programming Languages:** C#, Python, JavaScript, C/C++
 - **Frameworks:** ASP.NET, .NET Core, MVC, Entity Framework
 - **Front-End Technologies:** HTML, CSS, JavaScript,
 - **Databases:** MS SQL Server, MySQL
 - **Version Control:** Git
 - **Web Services:** RESTful APIs
 - **Methodologies:** Agile, Scrum
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Professional Experience

Junior Software Developer

Freelance Projects, Cairo, Egypt

Jan 2022 – Present

- Developed and maintained web and desktop applications using the .NET framework (ASP.NET, C#).
- Wrote clean, scalable code adhering to best practices and coding standards.
- Collaborated with team members to design, develop, and deploy new features.
- Debugged and resolved software issues to ensure optimal performance.
- Assisted in writing unit tests and maintaining code documentation.
- Participated in code reviews, providing constructive feedback to peers.
- Worked closely with stakeholders to implement business requirements.

Software Engineering Intern

Digital Egypt Pioneers Initiative (DEPI), Cairo, Egypt

Jul 2021 – Dec 2021

- Developed internal tools using ASP.NET Core, improving operational efficiency.
 - Debugged application issues, applying analytical thinking to identify root causes.
 - Gained hands-on experience with Entity Framework and MS SQL Server.
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Key Projects

My Nursery: Mobile app for managing nursery operations. Built with C#, .NET Core, and Xamarin.Forms.

Pick-me: Carpooling app leveraging clustering algorithms for route optimization. Implemented RESTful APIs using ASP.NET Core and Entity Framework.

Socializer: Social networking app with real-time messaging using Firebase, React, and ASP.NET Core.

Achievements

- **Performance Optimization:** Reduced application load time by 40% through SQL query optimizations.
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Languages

- **Arabic:** Native
 - **English:** Fluent (Reading, Writing), Advanced (Listening), Intermediate (Speaking)
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