

Omar Salah Mohamed

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GitHub: github.com/omarr23

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.
 - Gained hands-on experience with Entity Framework and MS SQL Server.
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Key Projects

E-Learning Platform Development:

- Designed and implemented database structures for *Easy Learning*, an initial version of an e-learning platform, ensuring efficient data organization and retrieval.
- Played a key role in the development of *Manasa*, an upgraded iteration of *Easy Learning*, incorporating advanced features such as enhanced user interactivity, robust course management, and improved performance optimization.

Electronic price tracker:

Developed a platform to monitor and aggregate price changes across eCommerce sites, focusing on electronics, with potential for expansion to other categories. Provides real-time price trends to aid consumers in making informed decisions.

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)