Mahmoud Nasser

Software Engineer | .Net Developer
Dakahlia, Egypt | Phone: +201062099261 | **Portfolio:** csemn.github.io/Portfolio
Email: mahmoud.nasser.mansour@gmail.com | **GitHub:** github.com/CSEMN | **LinkedIn:** linkedin.com/in/csemn

Summary

Junior.NET Developer with (+1) year experience in C#, .NET, and front-end framework Angular. Skilled in developing and maintaining scalable applications, designing user interfaces, debugging, and optimizing code. Familiar with cloud platform Azure and committed to delivering high-quality, maintainable solutions in collaborative team environments.

Technical Skills

Backend: [C#, OOP, ASP.NET Core, Web API, MVC]
Database & ORM: [MS SQL Server, MySQL, LINQ, Entity Framework, EF Core]
Core Concepts: [Problem Solving, Data Structure, Algorithms, SOLID, Design Patterns, Agile, SDLC]
Devops & Deployment: [Git, GitHub, CI\CD, Docker]
Tools: [IntelliJ IDEA, Visual Studio, VS Code, Postman, Swagger UI]
Frontend Technologies: [HTML5, CSS3, Bootstrap, JavaScript, jQuery, Angular Basics, Blazor]
Soft Skills: [Teamwork, Research, Time Management, Communication skills, Fast Learner]

Experience

***IS Officer (Software Engineer)** at Egyptian Air Forces*   *May 2024 - Sep 2025*

- Developed 14+ desktop applications using C#, .NET Framework, Windows Forms, and Telerik UI, improving operational efficiency for 3000+ users across multiple departments.
- Integrated applications with Microsoft SQL Server using Entity Framework, stored procedures, and optimized queries. Reducing query execution time by up to 40%.
- Designed and implemented reporting modules and data visualization dashboards with SAP Crystal Reports, enabling data-driven decision-making for management.
- Performed application debugging, testing, and optimization, achieving 99% uptime and reducing maintenance tickets by 30%.
- Partnered with stakeholders to gather business requirements and deliver customized software solutions within project timelines.
- Led and mentored a team of 16+ junior developers, enhancing technical proficiency, code quality, and collaboration.

***Laravel Developer Intern** at Creative Advertising Thinking (CAT)*   *Aug 2022 - Aug 2022*

- Developed 3+ secure, data-driven web applications using Laravel, PHP, and Blade templates, automating client workflows and boosting productivity.
- Designed MySQL databases, implementing indexes and relationships that improved data retrieval speed by 25%.
- Applied MVC architecture, routing, and Eloquent ORM, ensuring code maintainability and scalability across projects.

***Frontend Intern** at Information Technology Institute (ITI)*   *Aug 2018 - Sep 2018*

- Created responsive and accessible web pages using HTML5, CSS3, and Bootstrap, ensuring cross-browser compatibility.
- Enhanced UI interactivity and dynamic behavior through JavaScript and jQuery, improving page load time by 15%.
- Built single-page applications (SPAs) with Angular, enhancing user engagement and front-end performance.

Education

Bachelor of Engineering Degree. Faculty Of Electronic Engineering, Menoufia University.   Jun 2023
Activities: Student Activity Team Lead, Google Code Jam.

Projects

DEVSPOT - Job Posting platform (https://github.com/CSEMN/DevSpot)
modern ASP.NET Core MVC web application designed to connect job seekers and employers.
User Authentication using Identity - Job Management CRUD - Responsive UI using Bootstrap - SQL Server - Server-Side Validation

ShowMeTheWay - Parth finding app (github.com/CSEMN/ShowMeTheWay)
A project that selects the path to travel between certain Egyptian cities. supports (A*, DFS, BFS, Uniform Cost, Dijkstra) searching algorithms. Mainly developed to visualize the difference between different searching algorithms.