

Mohamad Abd-Elsattar Hamed

Full Stack .NET Developer

Location: Cairo, Egypt

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Military Service: Completed

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Professional Summary

Full Stack .NET Developer with hands-on experience in building scalable web applications using **ASP.NET Core**, **Entity Framework Core**, and **SQL Server**. Proficient in front-end technologies including **Angular**, **TypeScript**, and modern **JavaScript (ES6+)**. Demonstrated expertise in **RESTful API** development, responsive UI design, and Agile methodologies. Strong foundation in **object-oriented programming**, **SOLID principles**, **design patterns**, and **secure coding** practices. Proven team leadership abilities across multiple projects with consistent delivery of high-quality solutions.

Technical Skills

- **Programming Languages:** C#, JavaScript (ES6+), TypeScript, SQL.
 - **Backend Development:** ASP.NET Core MVC, Web API, Entity Framework Core, LINQ, Blazor.
 - **Frontend Development:** HTML5, CSS3, JavaScript (ES6+), TypeScript, Angular, Bootstrap.
 - **Database Management:** SQL Server, MySQL, Entity Framework Core.
 - **Cloud & DevOps:** Azure, Docker, Git, GitHub, CI/CD Pipelines, Swigger, Postman.
 - **Testing & Quality Assurance:** xUnit, NUnit, Unit Testing, Software Testing Fundamentals.
 - **Architecture & Design:** Object-Oriented Programming (OOP), SOLID Principles, Design Patterns.
 - **Methodologies & Tools:** Agile/Scrum, Jira, Sprint Planning, Code Reviews, Source Control (Git).
 - **AI & Modern Tools:** Generative AI, Prompt Engineering, AI-Powered Coding Assistants.
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Education

Information Technology Institute (ITI) INTENSIVE CODE CAMP (ICC) (4-6 Month)

- **Full Stack .NET Track** (July 2025 – December 2025).
- Graduation Project: **Talāqi Platform – Team Leader**.

Bachelor's degree in computer science – Very Good (2018 – 2022)

- Mansoura, Egypt Misr higher institute for commerce & computers.
- Graduation Project: E-Payment Based on Blockchain – **Evaluated Excellent**.

Projects

Talabi Platform | Team Leader & Full Stack Developer

Information Technology Institute (ITI) – Graduation Project | Jul 2025 – Dec 2025

- Led a team of 4 to build Egypt's first AI-driven platform for lost items, missing persons, and pets.
- RESTful APIs with ASP.NET Core, EF Core, and SQL Server using SOLID and Repository patterns.
- Integrated AI image recognition and geolocation features, cutting search time by 40%.
- Developed responsive Angular front-end with TypeScript and Bootstrap.
- Applied Agile with Jira (95% sprint success), conducted code reviews, and implemented xUnit testing.

Tech: ASP.NET Core, EF Core, SQL Server, Angular, TypeScript, Bootstrap, Git, AI APIs

E-Payment Based on Blockchain | Team Leader

Graduation Project, Misr Higher Institute for Commerce & Computers – **Grade: Excellent**

- 5 developers directed in building a secure contactless payment system during COVID-19.
- Supervised integration between Java Spring Boot backend and blockchain validation layer.
- Managed Agile lifecycle with Jira, achieving 95% real-time payment accuracy.

Tech: Java (Spring Boot), MySQL, Vue.js, Flutter, Blockchain APIs

Interior Design Company Website | Full Stack Developer (Freelance - 2025)

- Built a responsive, SEO-optimized website with dynamic Angular components.
- Enhanced engagement by 30% through improved UX and performance.

Tech: HTML5, CSS3, JavaScript (ES6+), Bootstrap, Angular

Additional Experience

Interior Design Specialist | Jan 2024 – Feb 2025

- Managed 30+ client projects, converting requirements into deliverable designs using 3DS Max & AutoCAD.
- project management, communication, and attention to detail—skills leveraged in UI/UX and development.

Languages

Arabic: Native

English: Good (Professional Working Proficiency)

Key Competencies

- **Leadership:** Successfully led teams of up to 5 developers with 95% project success.
- **Communication:** bilingual communicator skilled in Agile collaboration and stakeholder management.
- **Adaptability:** Fast learner, proficient in adopting new technologies and frameworks.
- **Collaboration:** Experienced in teamwork, code reviews, and knowledge sharing.
- **Quality Focus:** Dedicated to secure, tested, and maintainable code practices.