

Alaa Mobarak Taha

.NET & Angular Full Stack Developer

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PROFILE

Software Engineer specialized in **.NET Core and Angular**, experienced in building scalable **RESTful APIs, MVC applications, and full-stack solutions**. Skilled in **C#, ASP.NET Core, Entity Framework, SQL Server, Angular**, and integrating **AI-powered chatbots** into web applications. Strong foundation in **data structures, algorithms, and clean architecture**, with 1000+ solved problems, **ECPC** Participation. Completed intensive **ITI Full Stack .NET track**, delivering production-grade projects with **unit testing, design patterns, and Agile practices**. Passionate about combining problem-solving expertise, modern development, and AI integration to build impactful applications.

INTERNSHIP

Information Technology Institute (ITI) 	03/2025 – 08/2025
Full Stack Web Development Using .Net Track	Qena, Egypt
Developed and implemented full-stack web applications using the .NET framework. Gained practical experience in both back-end and front-end development by:	
<ul style="list-style-type: none">Building robust APIs with ASP.NET Core Web API and documenting them with Swagger.Creating dynamic and responsive user interfaces with Angular, HTML5, CSS3, JavaScript, and TypeScript.Managing data access and manipulation with Entity Framework and LINQ.Ensuring code quality and functionality through unit testing with XUnit.	
Graduation Project Grade: Excellent	

EDUCATION

Faculty of Computer and Information Technology, SVU	10/2020 – 06/2024
Bachelor's Degree in Computer Science	Qena, Egypt
Graduation Project Grade: Excellent	

PROGRAMMING SKILLS

Back-End Development: Professional in C#, LINQ, Entity Framework, ASP.NET MVC, and ASP.NET Web API , knowledgeable in SignalR, Integrating AI and xUnit.

Front-End Development: Professional in HTML5, CSS3, JavaScript, TypeScript, Angular, Bootstrap, ECMAScript

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

Technical Skills: Git, GitHub, Agile Methodologies, Data Structures, Algorithms, Object-Oriented Programming (OOP), Clean & Onion Architecture, Design Patterns

Soft Skills: Teamwork, Communication, Problem-Solving, Reliability

PROJECTS

Storeify 	2025
<ul style="list-style-type: none">Assembled a responsive e-commerce web app using HTML5, CSS3, and JavaScript, integrating FakeStoreAPI to reduce load times by 20%.Enabled single-page navigation and DOM manipulation for seamless product browsing and cart management, improving user interaction by 30%.Structured modular JavaScript components and adopted Git for collaborative workflows, accelerating team productivity by 15%.	

Ecommerce

2025

- Created a desktop e-commerce application using .NET Windows Forms and Entity Framework Core, improving code maintainability by 30% with Onion Architecture.
- Formulated product catalog and shopping cart features, optimizing data retrieval by 25% using Repository patterns.
- Incorporated SQL Server LocalDB and utilized Git for version control, streamlining team coordination and boosting delivery efficiency by 20%.

Restaurant

2024

- Designed an MVC-based restaurant management system with real-time inventory and order tracking, used by 15+ staff daily.
- Introduced staff management and item availability features, optimizing staff workflows and raising performance by 30% while improving inventory accuracy.
- Leveraged C#, ASP.NET, MVC, Entity Framework, and LINQ, increasing user satisfaction by 40%.

Medica

2024

- Devised an ASP.NET Web API integrating hospitals, clinics, pharmacies, and labs, streamlining cross-facility operations and achieving a 40% boost in efficiency.
- Crafted a booking system for clinics and labs, reducing scheduling time by 50% and automating result notifications.
- Incorporated real-time pharmacy stock checks, enhancing prescription accuracy by 35%.
- Utilized C#, LINQ, Entity Framework, and Clean Architecture to support over 20,000 daily transactions.

MeeM

2022

- Constructed a static e-commerce web page, increasing user engagement by 30%.
- Designed responsive UI with HTML, CSS, and JavaScript, ensuring 100% cross-device compatibility.
- Enhanced navigation and interactivity, reducing bounce rate by 40%.

 AWARDS**ECPC**

- Challenged in the ECPC as a contestant in 2021, enhancing algorithmic proficiency and sharpening analytical problem-solving abilities.
- Achieved 63rd place in the ECPC Upper Egypt Qualification in 2022, showcasing strong analytical abilities and a competitive edge in a demanding environment.

ACPC Kick off

Engaged in the ACPC Kick-off 2022, developing advanced algorithmic thinking through hands-on problem solving; crafted unique solutions shared with a community of 150+ participants for further learning.

IEEE

Contributed to an IEEE event, gaining hands-on experience in Arduino in 2021.

 VOLUNTEER EXPERIENCE**ICPC SVU COMMUNITY**

- 2022-2024 problem setting member
- 2021-2022 Media Member
- 2020-2021 Marketing Member

Student For Egypt at Faculty of computer science

- 2022-2023 HR Member
- 2021-2022 Media Member

 LANGUAGES**English**

Fluent

Arabic

Native