

# Alaa Mobarak Taha

## .NET & Angular Full Stack Developer

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 3laa\_mobarak  3laamobarak  Portfolio

### 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

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

### EDUCATION

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

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

**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**• ACPC 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