

Alaa Mobarak Taha

.NET & Angular Full Stack Developer

✉ 3laa.m0o0barak@gmail.com ☎ +201068134463 📍 Qena, EGYPT 🌐 alaa-mobarak 📶 3ElWaa
🔗 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

Information Technology Institute (ITI) ✉

Full Stack Web Development Using .Net Track

Developed and implemented full-stack web applications using the **.NET** framework. Gained practical experience in both back-end and front-end development by:

- 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

03/2025 – 08/2025
Qena, Egypt

🎓 EDUCATION

Faculty of Computer and Information Technology, SVU

Bachelor's Degree in Computer Science

- **Graduation Project Grade:** Excellent

10/2020 – 06/2024
Qena, Egypt

</> 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 ✉

- 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%.

2025

Ecommerce 	2025
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • 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
<ul style="list-style-type: none"> • 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