

# Shimaa Saber

Software Developer

Assiut, Egypt

✉ [shimaasaber165@gmail.com](mailto:shimaasaber165@gmail.com) ☎ +2001121010554 [in](#)  
[linkedin.com/in/shimaa-saber-2b2941226](https://linkedin.com/in/shimaa-saber-2b2941226) [github.com/Shimaa-Saber](https://github.com/Shimaa-Saber)

## 1 Professional Summary

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Backend .NET Developer with a strong background in software development and clean architecture principles. Graduate of the Full-Stack .NET track at ITI. Built multiple web applications using modern .NET technologies. quick learner, detail-oriented, and eager to contribute to impactful tech teams.

## 2 Education

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**9-Month Diploma: Professional Web Development and BI-infused CRM (Full Stack .NET):**  
Information Technology Institute (ITI) *Oct 2024 - Jun 2025*  
Assiut, Egypt

**Bachelor of Computer Science:** Assiut University *Oct 2020 - Jul 2024*  
GPA: 3.26 / 4.0, Assiut, Egypt

## 3 Technical Skills

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**Backend:** ASP.NET Core, .NET Framework, RESTful APIs, Entity Framework Core, SignalR, Clean Architecture

**Languages:** C++, C#, Java, JavaScript, Python, SQL, HTML5, CSS3

**Databases:** Microsoft SQL Server

**Development:** OOP, SOLID Principles, Design Patterns, Data Structures, Algorithms, Git, GitHub, Postman, Unit Testing, Bootstrap

## 4 Soft Skills

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- Communication: Technical Collaboration, Teamwork
- Problem Solving: Analytical Thinking, Debugging
- Adaptability: Learning New Technologies, Working Under Pressure

## 5 Projects

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- **FleetTrackingSystem** [\[GitHub Link\]](#) *June 2025*  
- Built a Clean Architecture-based ASP.NET Core Web API for fleet management with authentication, CQRS principles, background jobs, and rate limiting .  
**Technologies:** ASP.NET Core 8, C#, Clean Architecture, MediatR, Hangfire, JWT, Identity, SQL Server, , AutoMapper, Serilog, Postman, GitHub
- **StrongYou** [\[GitHub Link\]](#) *May 2025*  
- Built a secure and scalable backend for a Mental Health platform using ASP.NET Core, Clean Architecture, and JWT-based role management. Implemented real-time chat, session booking, admin control, and therapist-patient interactions via RESTful APIs.  
**Technologies:** ASP.NET Core, C#, JWT, Clean Architecture, SQL Server, SignalR, RESTful APIs, Postman, GitHub
- **Zaffa** [\[GitHub Link\]](#) *April 2025*

- Developed a full-featured wedding and event management system using ASP.NET MVC, enabling users to book services like halls, makeup, and decor. Implemented admin dashboards, role-based access, image uploads, and real-time updates using SignalR.

**Technologies:** ASP.NET MVC, JWT, SignalR, SQL Server, C#, Bootstrap, Git

- **E-commerce** [\[GitHub Link\]](#)

*Dec 2024*

- Developed a fully responsive e-commerce website using HTML5, CSS3, JavaScript, and Bootstrap. Integrated API for dynamic product display, category filtering, local storage management, and input validation.

**Technologies:** HTML5, CSS3, JavaScript, Bootstrap, REST APIs, Git

- **Student-Grade-Management-System** [\[GitHub Link\]](#)

*Dec 2024*

- Built a console-based student management system in C with a colored menu interface. Implemented features for managing records, grade calculation, performance summaries, and applied control structures.

**Technologies:** C, OOP, Structs, Enums, Git

- **Fall Alert System (Graduation Project - A+ Grade)** [\[GitHub Link\]](#)

*Jul 2024*

- Contributed as a Flutter Developer to a real-time fall detection mobile app integrated with cameras for immediate alerts and safety responses. Key features include global fall incident mapping and caregiver notifications.

**Technologies:** Flutter, Python, PHP, Laravel, REST API, MediaPipe, Google Maps, JavaScript, HTML5, CSS3

- **Skip List** [\[GitHub Link\]](#)

*Jun 2023*

- Implemented a Skip List data structure in Java for efficient search, insertion, and deletion in logarithmic time. Strengthened understanding of probabilistic data structures and algorithmic optimization.

**Technologies:** Java, OOP, JUnit, Git/GitHub



## 6 Awards and Competitions

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- NASA Space Apps Challenge 2024 Participant: Worked on the Symphony of the Stars challenge. Developed a Flutter mobile app that synchronizes James Webb Space Telescope imagery with music for an immersive experience.
- Solved 300+ algorithmic challenges on platforms like Codeforces and HackerRank, consistently ranking in top 10–20

## 7 Certificates

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- [SQL \(Basic\)](#)  – HackerRank, Feb 2025
- Problem Solving - HackerRank, Feb 2025
- [NASA Hackathon](#)  - Aug 2024