

Shimaa Saber

Software Developer

Assiut, Egypt

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1 Professional Summary

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 to learn, detail-oriented, and eager to contribute to impactful tech teams.

2 Education

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

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

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

5 Projects

- **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

- 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

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