

Mariz Sedhom

Software Engineer

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Education

9-Month Professional Diploma,

Professional Training Program (PTP),
Information Technology Institute (ITI),

Track: Professional Development and BI-infused CRM, Smart Village Branch.

Projects:

Oct 2024 - Present

Giza, Egypt

- **Online Examination System**

A platform enabling students to take exams, view grades, and allowing instructors to create, assign exams, and generate reports.

- Developed the frontend using ASP.NET Core MVC and Bootstrap.
- Built the backend using Entity Framework with SQL Server for data management.
- Implemented authorization and authentication using Microsoft Identity.
- [GitHub link](#)

Bachelor of Computer and Information Sciences,

Computer Science Department,

Faculty of Computer and Information Science, Ain Shams University (ASU).

Cumulative GPA: 3.5/4.0 (Very Good), with honors

Projects:

Oct 2020 - Jul 2024

Cairo, Egypt

- **Content Guard** – Graduation project

Grade: **A**

A browser extension aimed at eliminating harmful content and providing an unbiased, safer internet browsing experience

- Developed the frontend using HTML, CSS, and JavaScript.
- Built the backend using Flask (Python) for content analysis.
- [GitHub link - Frontend](#)
- [GitHub link - Backend](#)

Oct 2023 – Jul 2024

- **Vet Care**

A full-stack project providing online services for pet care.

- Developed the backend using ASP.NET MVC and C# to manage user data and appointments.
- Created a responsive frontend with HTML, CSS, and JavaScript.
- Integrated a SQL database for storing pet histories and service records.
- [GitHub link](#)

- **Magazine System**

A software engineering course project allowing users to browse and read magazines from different categories.

- Developed using MVC architecture with Windows Forms and SQL for database management.
- [GitHub link](#)

Technical Skills

Programming Concepts: Object-Oriented Programming (OOP), SOLID, Data Structures

Programming Languages: C#, C++, Java, JavaScript, Typescript

Back-End Technologies: LINQ, ADO.Net, Entity Framework (EF Core), ASP .Net Core MVC, ASP .Net Core Web API

Front-End Technologies: HTML, CSS, JavaScript, Bootstrap, Angular

Database: MS-SQL-Server

Version Control: GIT, Github

Internship Experience

.NET Development Intern

Link Development, Cairo, Egypt

Jul 2024 - Aug 2024

- Contributed to the development of web applications using ASP.NET MVC and C#.
- Assisted in designing and implementing backend services.
- Worked on integrating APIs and managing databases.
- Collaborated with a team to troubleshoot and optimize code for performance improvements.
- [Certificate Link](#)

Frontend Development Intern

Sync Interns, India, Remote

May 2023 - Jul 2023

- Developed a frontend project for an e-learning website, showcasing the potential and benefits of online education.
- Utilized HTML, CSS, JavaScript, and Bootstrap to create a responsive and user-friendly interface.
- [Certificate link](#)

Courses & Workshops

- ASP.NET Fundamentals Course, ITI Sept 2024
[Certificate link](#)
- Full Stack Development Foundation Course, Coursera Oct 2023
[Certificate link](#)
- Software Testing Workshop, Ain Shams University Aug 2021
[Certificate link](#)

Extracurricular Activities

- **Mentor at Support ASU Web Committee, Ain Shams University**
Guided Level 1 students in frontend development.
- **ACM ASCIS Level 1 Participant**
Completed Level 1 in problem-solving at ACM ASCIS.

Languages

- Arabic: Native
- English: B2