

Youssef Sherif

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Profile

4th-year Computer Science student specializing in .NET technologies, particularly C# and ASP.NET MVC. Experienced in developing web applications and RESTful APIs. Dedicated to continuous learning and applying innovative solutions to improve software development efficiency.

Skills

- C#
 - Java
 - C++
 - Object-Oriented Programming (OOP)
 - MSSQL
 - Data Structure
 - Algorithms
- Problem Solving
 - Git & GitHub
 - Command-Line
 - ASP.NET Core MVC
 - RESTful API
 - Entity Framework Core
 - LINQ

Experience

.Net Web Developer Intern	Digital Egypt Pioneers Initiative	06/2024 - Present
<ul style="list-style-type: none">• Participated in an intensive training program focused on .NET Development.• Acquired hands-on experience in C#, ASP.NET, and other Microsoft technologies.• Engaged in practical projects covering software design patterns, database management, and web application development.• Currently in the coaching phase with iCareer to enhance professional and technical skills.		
.Net Full Stack – Summer Training	ITI	08/2024 - 09/2024
<ul style="list-style-type: none">• Completed a 72-hour intensive training program in .NET Full Stack Development.• Gained hands-on experience in key technologies including C#, ASP.NET MVC, SQL, and OOP.• Collaborated on projects that reinforced understanding of full-stack development practices.		

Projects

• Bookify [\[Azure DevOps\]](#)

Launched a revolutionary library website aimed at enhancing book, author, subscriber, and rental management, integrating cutting-edge technologies for a seamless user experience.

Technologies Used:

- **Programming Languages:** C#
- **Frameworks:** ASP.NET Core MVC, ASP.NET Core Identity
- **Database:** MS SQL Server, Entity Framework Core

Key Features:

- Developed a book management system using ASP.NET Core MVC and EF Core.
- Implemented ASP.NET Core Identity for user authentication and authorization.
- Integrated WhatsApp API for messaging and Gmail for email notifications.
- Utilized AutoMapper for object-to-object mapping to enhance code maintainability.
- Employed Serilog for structured logging and background job processing for efficient task management.

• Survey Basket [\[GitHub\]](#)

Survey Basket is an ongoing survey management application built with a REST API, designed to simplify the creation, distribution, and analysis of surveys, enhancing user engagement and data handling.

Technologies Used:

- **Programming Languages:** C#
- **Frameworks:** ASP.NET Core
- **Database:** MS SQL Server, Entity Framework Core

Key Features:

- Developed a RESTful API for managing surveys and user interactions.
- Implemented user authentication and role management.
- Created modules for managing questions, votes, and results.
- Included error handling, logging, caching, and background jobs.
- Planned integration with Swagger and OpenAPI for comprehensive documentation.

Education

Bachelor's Degree	<u>Modern Academy Maddi</u>	2021 - 2025
<ul style="list-style-type: none">• Major in Computer Science		

Achievements

- **Participated** in the 2022 & 2023 Egyptian Collegiate Programming Contest.
- **16th** place in the semicolon shows IEEE AL-Azhar University.
- **A problem-solving technical support to the ICPC Community**