Youssef Sherif

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Profile

4th-year Computer Science student skilled in C++, Java, and C#. Experienced in web development with ASP.NET MVC and SQL. Strong in problem-solving and object-oriented programming, with a passion for software development and a commitment to continuous learning.

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 Development Trainee   ITI   **08/2024 - 09/2024**

- Developed web applications using C#, ASP.NET MVC, and SQL.
- Implemented Object-Oriented Programming (OOP) principles and LINQ for efficient data manipulation.
- Collaborated with a team to design and implement software solutions.

.NET Developer Scholarship   Digital Egypt Pioneers Initiative   *Cairo, (Hybrid)* **06/2024 - Present**

- Participated in hybrid training sessions and applied learned skills in real projects.
- Soft skills and business English enhancement.

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
- Front-end: Bootstrap 5, AJAX, jQuery, DataTables

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
- **Front-end:** Bootstrap 5, AJAX, jQuery

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   Modern Academy Maddi   **2021 - 2025**

- Major in Computer Science

Achievements

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