

Ahmed Belal

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Profile

Third-year Computer Science student passionate about backend development with .NET. Proficient in C#, SQL, RESTful APIs, and problem-solving, with a strong foundation in data structures and algorithms. Eager to learn, build scalable solutions, and contribute to innovative projects.

Education

South Valley University Bachelor of Computer Science Sept 2022 – July 2026

- GPA: 2.96/4.0

- **Coursework:** Data Structures, Algorithms, Database Systems, Software Engineering, Web Development.

UpSkilling Academy Diploma in Back-End Web Development Using .Net Nov 2024 – feb 2025

Projects

Food App

github.com/a7medbelal/FoodApp

- Developed a web API using ASP.NET Core to manage food-related data, including recipes, categories, and user interactions, implemented features like recipe management, categorization, and user favorites for personalized experiences
- Designed an Onion Architecture for scalability and maintainability.
- Tools Used: C#, ASP.NET Core, Entity Framework Core, SQL Server, Git.

Hotel Reservation System

github.com/a7medbelal/HotelSystem

- hotel reservation system built with ASP.NET Core, allowing hotel staff to manage rooms, reservations, offers, payments, and customer feedback, while customers can search, book, and review stays
- Built a Hotel Reservation System using CQRS and Vertical Slice Architecture for clean, modular design.
- Tools Used: ASP.NET Core, Entity Framework Core, RabbitMQ, SQL Server, CQRS, Git.

Project Management System

github.com/a7medbelal/TrelloCopy

- A project management system built with ASP.NET Core, enabling teams to manage projects, tasks, and user accounts efficiently. Features profile management, task assignment, and progress tracking for seamless collaboration.
- Built a Project Management System using CQRS and Vertical Slice Architecture for clean, modular design.
- Tools Used: C#, ASP.NET Core, Entity Framework Core, RabbitMQ, SQL Server, CQRS, Git

Technologies

Languages: C++, C#, SQL, basic Python, HTML/CSS

Technologies: ASP.NET Core MVC, Web API, Microsoft SQL Server, Entity Framework Core, CQRS, RabbitMQ

Concepts: Object Oriented Programming, Data Structures & Algorithms, Design Patterns, Agile Methodologies

Version Control: Git & Github