



# Ayush Nikhara

Senior Analyst/Senior Software Engineer

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**Grade:** A5



## Strengths

### Full Stack Developer

- Built scalable web applications using **.NET Core, Angular, and Azure**
- Designed and developed **RESTful APIs** with clean architecture.
- Used **SQL Server (SSMS)** for backend data handling.
- Implemented **authentication and role-based access**.
- Implemented authentication, role-based access, and admin modules.
- Documented APIs using **Swagger UI** .
- Applied **unit testing (xUnit/NUnit)** to ensure reliability.



## Achievement

### Flight Booking System

Tech Stack: .NET Core, Angular, SQL Server, Swagger, Postman

#### Description:

Developed a full-stack Flight Booking System to streamline flight search, booking, and check-in processes. Key features include user authentication, flight search filters, ticket booking, check-in module, and an admin dashboard for managing flights and users. Designed RESTful APIs using .NET Core and tested endpoints with Postman for reliability and performance. Built a dynamic and responsive Angular frontend to ensure smooth user experience across devices. Integrated SQL Server for secure and efficient data storage and retrieval. Ensured modular architecture and scalability to support future enhancements and high user traffic.

Check out my work on Video Profile



## Education and certificates

Bachelor of Engineering Computer Science : 2021 – 2025

## Skills

C# / .NET Core	OOPs Concepts, Exception Handling, Collections, LINQ, Entity Framework, RESTful APIs, Dependency Injection, MVC Architecture, Middleware Configuration, Unit Testing with xUnit/NUnit, Swagger Integration
ASP.NET Web API	Controllers and Routing, Implementation of GET, POST, PUT & DELETE Methods, Model Validation, Exception Handling, Token-Based Authentication, Role-Based Authorization
Angular	Components, Data Binding (One-way/Two-way), Directives, Services, Dependency Injection, Routing and Navigation, Reactive Forms, HTTP Client Integration, Responsive UI Design
Database (SQL Server)	SSMS, Stored Procedures, Joins, Views, Indexes, Triggers, Query Optimization, Data Normalization, Entity Framework Code-First Approach
UI Tech	HTML5, CSS3, JavaScript, ES6
Tools	Git, Postman, IDE
Add On skills	Reactjs, Nodejs, MongoDB, Peer learning, Leadership, Problem Solving

