

MOHAMED UMAR

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Portfolio: [md-umar02.github.io/PersonalPortfolio](https://md-umar02.github.io/) | LinkedIn: linkedin.com/in/mohamed-umar-750100243

Professional Summary

Entry-level .NET Developer with hands-on experience building full-stack applications using ASP.NET core Web API, C#, EF Core and MS SQL Server. Delivered functional systems like an Employee Management app and Hotel Billing software, demonstrating solid database design and UI development. Passionate about learning new technologies, debugging complex issues, and contributing to impactful projects.

Technical Skills

- **Backend:** C#, .NET, ADO.NET, ASP.NET Core Web API
- **Frontend:** React.js, JavaScript, HTML, CSS
- **Database:** MS SQL Server
- **Version Control:** Git, GitHub
- **Tools:** Visual Studio, VS Code

Education

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| • Bachelor of Technology - Information Technology <ul style="list-style-type: none">○ Sri Sai Ram Institute of Technology, Chennai○ CGPA: 6.88 | 09/2020-04/2024 |
| • Higher Secondary Certificate (HSC) <ul style="list-style-type: none">○ St. Sebastian Matriculation Higher Secondary School, Chennai○ Percentage: 70% | 07/2019-04/2020 |
| • Secondary School Leaving Certificate (SSLC) <ul style="list-style-type: none">○ St. Sebastian Matriculation Higher Secondary School, Chennai○ Percentage: 86% | 07/2017-04/2018 |

Projects

HealthTrackerAPI

- **Technologies:** ASP.NET Core, C#, RESTful APIs, Entity Framework Core, Swagger, SQL Server
- Developed a Health Tracker Web API using ASP.NET Core with Clean Architecture and Repository Pattern.
- Implemented server-side pagination, filtering, AutoMapper DTOs, and relational mapping with EF Core and SQL Server.
- Documented APIs with Swagger and followed SOLID principles and async programming for scalable performance.
- Created secure relational data models with EF Core navigation properties
- **GitHub Link:** <https://github.com/Md-Umar02/HealthTrackerAPI>

TodoAPI

- **Technologies:** ASP.NET Core, C#, RESTful APIs, Entity Framework Core, Swagger, SQL Server
- Developed a fully functional RESTful API for managing to-do tasks with complete CRUD operations with basic frontend integration using HTML, CSS, JavaScript.
- Designed modular architecture using Controllers, Models, Repositories and Services to ensure scalability and maintainability.
- Implemented secure data access using Entity Framework Core and parameterized queries to prevent SQL injection.
- Integrated Swagger for interactive API documentation and testing.
- **GitHub Link:** <https://github.com/Md-Umar02/TodoAPI>

Hotel Billing System

- **Technologies:** C#, ADO.NET, MS SQL Server
 - Constructed a Windows-based desktop application using C# to automate hotel billing and order management processes.
 - Implemented robust CRUD (Create, Read, Update, Delete) functionalities with ADO.NET for seamless communication with the SQL Server database.
 - Designed the database schema to efficiently manage customer orders and billing records.
 - **GitHub Link:** <https://github.com/Md-Umar02/HotelBillingSystem>
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Certifications

- ASP.NET Core Web API - Udemy
- Cloud Computing - NPTEL
- SQL Basics - Skill Rack