



Bodapati Shiva Sai Krishna

Senior Analyst/Software Engineer

Base Location: Bangalore

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Mobile No: +91 8050420231

Grade: A5

Strengths

Full Stack Developer

- Hands-on knowledge of **C# and ASP.NET Core** with strong understanding of **OOP, dependency injection**, and modern **.NET practices**. Skilled in building **RESTful APIs** using a **3-layered repository architecture** with **Entity Framework, LINQ, JWT authentication**, and **NUnit testing**. Proficient in **Angular, TypeScript**, and **component-based architecture** for developing **responsive user interfaces**.

Projects

1.GenAI-Email Automation

Tech Stack: React.js, TypeScript, ASP.NET Core Web API, C#, OpenAI GPT API, Gmail API, OAuth 2.0

Description:

- Built an AI-based **Email Automation Agent** to automate email processing and response generation.
- Developed a **React frontend** and **ASP.NET Core backend** with secure Gmail integration.

Key Features:

- Smart email classification and AI-powered auto-replies with multiple response styles.
- Automated meeting scheduling and real-time email analytics dashboard.

Technical Highlights:

- RESTful API design, OAuth-based authentication, asynchronous processing, and responsive UI.

2.Pharmacy Management System

Tech Stack: ASP.NET Core, Angular, SQL Server, Entity Framework, JWT, NUnit, LINQ

Description:

- Built full-stack **On Pharmacy Management System**
- with **ASP.NET Core** backend and **Angular** frontend using **SQL Server/SSMS** via **Entity Framework**. Implemented **3-layered Repository pattern** with **global exception handling** and comprehensive **NUnit testing**.

Key Features:

- Developed core features such as **drug, inventory and supplier management, order processing, user authentication with JWT**, and **role-based access control using Identity Framework**.

Technical Highlights:

- Entity Framework **Code-First**, LINQ queries, **dependency injection**, Global exceptions, asynchronous programming (async / await), and end-to-end data validation.

Check out my work on Video Profile



Education and certificates

Bachelor of Technology

Computer Science : 2021 - 2025

Skills

C# Programming	C# Fundamentals, OOP, SOLID Principles, Design Patterns, Dependency Injection, LINQ Queries, Async Programming.
ASP.NET Core	Web API Development, Middleware, Configuration Management, Authentication & Authorization, Model Binding
Entity Framework	Code-First Approach, Database Migrations, LINQ to SQL, Repository Pattern, Data Annotations.
.NET Architecture	3-Layer Architecture, Repository Pattern, Dependency Injection, Service Layer, Clean Architecture
Unit Testing	NUnit Framework, Unit Testing, Integration Testing, Test-Driven Development, Mocking.
Authentication	JWT Token Implementation, Role-based Authorization, Claims-based Security, Identity Framework.
Angular	Components, Services, Routing, HTTP Client, Reactive Forms, TypeScript, RxJS Observables
Database	SQL Server, SSMS, Entity Framework Code-First, LINQ
UI Tech	HTML5, CSS3, TypeScript, Bootstrap.
API Tools	Swagger, Postman, REST Client Testing, API Documentation, Endpoint Validation.
Add On skills	Problem Solving, Code Optimization, Technical Documentation, Agile Methodologies, Team Collaboration.