

Vinod Avanti

.Net Core | Azure | Microservices

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Summary

.Net Core Developer with 3.1 years of experience in building scalable web applications and microservices using C#, .NET Core, Web API, and Azure. Skilled in .Net Core, Rest API, Azure Services and MSSQL. Focused on delivering high-performance, scalable and cloud-ready applications.

Professional Experience (3.1 Years)

GLOBESTAR SOFTWARE LIMITED

July 2022 – April 2025

Software Engineer

- Developed key functionalities using .Net Core(C#) according to SOLID design principles to meet the project requirements based on Microservices Architecture.
- Developed and maintained microservices using ASP.NET Core Web API, C#.
- Utilized Azure Service Bus as a message broker for reliable and asynchronous communication between microservices.
- Integrated Azure Blob Storage for storage and retrieval of unstructured files.
- Implemented Azure Cosmos DB to store and query JSON based data using partition key.
- Integrated third party API's following REST principles and authentication using OAuth 2.0.
- Optimized performance by using asynchronous programming techniques.
- Created complex SQL Queries and Stored Procedures to support backend operations.
- Resolved various bugs and defects ensuring smooth functioning of the application.
- Worked in an Agile Scrum team with sprint-based development, participating in sprint plannings, and retrospectives.

BluSpring Enterprises Ltd

May 2025 – July 2025

Trainee Engineer

- Updated daily work permit details of multiple departments in the company portal, ensuring compliance and accurate reporting.
- Maintained and recorded preventive maintenance activities for multiple departments, improving data accuracy.
- Updated records of new equipment transfer from the main store to respective departmental stores, enabling proper inventory management.
- Updating check lists of daily preventive maintenance works.
- Prepared and segregated daily preventive maintenance (PM) work data into monthly reports using Excel.

Education

B.E (Mechanical)

July 2022

East West Institute of Technology

Skills

Backend:	.Net Core (C#), Web API (Rest), C#, Microservices Architecture.
Frontend:	HTML, CSS, Java Script, React js
Cloud Platforms:	Microsoft Azure (App Services, Service Bus, App Insights, Blob, Cosmos).
Database:	SQL Server, Dapper, Entity Framework Core, ADO.Net.
Design Principles:	SOLID Design Principles, Microservices Architecture, RESTful Architecture.
Tools and IDE:	Postman, Visual Studio

Certifications

Hackerrank certified : [C# Fundamentals](#)

Hackerrank certified : [SQL Fundamentals](#)

Project

Payout Tracking System

- Developed microservices using .NET Core using microservices and clean architecture
- Integrated Azure Service Bus for asynchronous communication between microservices.
- Created Background Services to handle background tasks using CRON jobs
- Created stored procedures and complex SQL queries for data access operations.
- Utilized Azure BLOB storage for storage and retrieval of unstructured files
- Utilized Azure Cosmos DB to store and query JSON based data using partition key.
- Ensured application responsiveness using asynchronous programming techniques.
- Integrated third party API's following REST principles and authentication using OAuth 2.0.
- Built user interfaces using React.js components to create interactive web pages.
- Worked on hooks, handling props, state, and simple API calls for dynamic data display.