

MOHAN LAL SIRVI

mohansirvi999@gmail.com | +91-6350271502 | linkedin.com/in/mohansirvi | github.com/mohansirvi

Technical Skills

- C# , .NET , ASP.NET Core Web API , Entity Framework , MSSQL , NoSQL , JavaScript, REST , LINQ
- Microservices , Distributed System , API Gateway , System Design , Design Patterns , SOLID Principles , OOPs
- Azure Cloud , App Service , Azure Functions , Azure Service Bus (Queue, Topic) , RabbitMQ, CI/CD, Git/GitHub

Experience

Software Engineer 2, Q2 Software, Bengaluru, India May 2025 – Present

- Building a dispute tracking system (DTS) to streamline fraud management and paperless dispute resolution for financial institutions, enabling faster transaction resolutions.
- Developing scalable solutions to manage disputes across multiple transaction types (Debit, ATM, ACH, etc.), improving efficiency and accuracy in handling complex financial disputes.

Senior Software Engineer, Aptean India Pvt Ltd, Bengaluru, India April 2024 – May 2025

- Led end-to-end migration of document storage to **Wasabi Cloud**, reducing document management **costs by 80%** and optimizing storage efficiency.
- Enhanced system interoperability and scalability by developing **RESTful APIs** in C# and .NET supporting seamless integration with **10+** external modules.
- Enforced coding standards using **SonarQube**, reducing code duplication to less than **3%** and ensuring high quality maintainable code.
- Delivered **5 on-time product releases** by leading Scrum ceremonies such as Sprint Planning, Daily Standups, and Sprint Reviews, ensuring consistent progress and high team participation.

Software Engineer, Aptean India Pvt Ltd, Bengaluru, India July 2021 – March 2024

- Built advanced **job scheduling** functionality using **cron expressions**, enabling scheduling options such as hourly, weekly, biweekly, monthly, yearly, and custom day-based recurrence, similar to **Outlook's scheduling**.
- Engineered an **interactive tooltip** system using **JavaScript** across the Web application, supporting internal navigation and external links to enhance accessibility and user engagement.
- Reduced average response times by **30%** by implementing **advanced in-memory caching** techniques in C#, including time-based expiration, sliding expiration and read-through.

Projects

Orange MicroServices E-Commerce Platform

- Designed and developed a **microservices-based** e-commerce platform using .NET 8 and ASP.NET Core.
- Built and deployed **7 distinct microservices**, each with its own **dedicated database**, following the **Database per Service** pattern for data isolation and independence.
- Integrated **Azure Service Bus (Queue, Topic - Subscriptions)** and **RabbitMQ** for reliable asynchronous communication between microservices, enabling efficient message-driven architecture.
- Implemented **Stripe payment** gateway for seamless and secure transaction processing, with session validation.
- Configured **Ocelot API Gateway** for centralized routing, load balancing, ensuring seamless interaction.
- Deployed the entire solution on **Azure App Service**, achieving high availability, scalability, and streamlined.

Achievements

- Honored with **2 Cheers Awards** and **Pat-On-Back Award** at Aptean India Pvt Ltd for outstanding performance.
- Awarded the **Gem Award (March 2024)** for successfully implementing an advanced PM scheduling

Education

NIT Srinagar, B.TECH in Computer Science and Engineering

CGPA: 8.41/10

July 2017 – May 2021