

MOHAN LAL SIRVI

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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