

Lalit Vaishnav

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Career Objective

Experienced Senior Software Engineer with 4.8 years of expertise in full-stack development, system enhancement, and maintenance of enterprise-level applications. Proven track record of integrating third-party APIs, solving complex technical issues, and optimizing system performance. Passionate about writing clean, efficient code and embracing new technologies, with a focus on innovation and collaboration in project development.

Professional Experience

Senior Software Engineer

ReliableSoft Technologies | January 2020 – Present | Jodhpur, India

April 2022 – Present (Development of Broadband Management System for ISPs):

- Developed a Broadband Management System (BMS) using microservice-based architecture for better scalability, modularity, and data handling.
- Employed **React, Node.js, GraphQL, Kafka, MongoDB, Postgresql Redis, and NAS** for robust system design.
- Implemented features like show current user connection and it's bandwidth consumption graphs and a "Terminate Button" for user connection control.
- Enhanced API performance, optimizing response times and scalability for large datasets.
- Designed a Database Version Control Structure, enabling version-based data management.

July 2020 – April 2022 (Maintenance and Internal team support):

- Delivered timely solutions to client issues, bug fixes, and configuration updates.
- Significantly improved system reliability through prompt issue resolution, minimizing downtime

January 2020 – June 2020 (Enhancements & Integration):

- Optimized queries for enhanced database performance.
- Integrated **Paytm Payment Gateway** with MyCableTV and PayTV SelfCare applications, streamlining customer payment processes.
- Managed Third-Party Conditional Access System (CAS) integrations, enhancing system compatibility and functionality.
- Contributed to system enhancements in projects like **R-Soft, CNMS On-Net, MyCableTV, and PayTV SelfCare**, improving efficiency and user experience.

Key Achievements

- Automated release and deployment processes using **Jenkins** and **GitHub Actions**, integrating **Python** and **PowerShell** scripts for efficient client updates.
- Developed a client update automation system, drastically reducing manual deployment work.

Technical Skills

- **Frontend Technologies:** React.js, JavaScript, HTML5, CSS3
- **Backend Technologies:** Node.js, .NET 4.5 (C#), .NET Core (Learning), GraphQL, REST API

- **Databases:** MongoDB, SQL Server 2012 (Service Broker, DDL, DML), PostgreSQL
- **Message Queues:** Kafka
- **Tools & DevOps:** Jenkins, GitHub Actions, Docker, PowerShell, Python, NAS, RADIUS
- **Version Control:** Git, GitHub
- **Other:** API Optimization, Database Version Control, Third-Party API Integration

Education

Master of Computer Applications (MCA)

Rajasthan Technical University, Kota | 2020

Languages

- **English:** Intermediate proficiency
- **Hindi:** Fluent

Personal Projects & Learning

- Expanding backend development expertise by learning **.NET Core**.
- Actively participates in coding challenges to improve problem-solving skills and stay updated with industry trends.

Hobbies & Interests

- Exploring emerging technologies and frameworks.
- Engaging in coding challenges to enhance technical abilities.