

Suraj MS

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Skills:

Languages & Frameworks: JavaScript (ES6+), Node.js, Express.js, React, Python

Architecture: Microservices, Event-Driven Systems, REST APIs, Monolithic

Databases: MySQL, Redis, MongoDB

Cloud & DevOps: AWS, Docker, Kubernetes, GitLab CI/CD, PM2

Monitoring & Quality: Grafana, SonarQube, Unit Testing (Jest)

Tools: Git, Linux, Firebase, Apache Kafka

Experience

Senior Software Engineer

6D Technologies Pvt Ltd | June 2026 – Present

- Designed, and developed LLD for 6+ microservices (including Outbound and Policy Engine), delivering scalable, high-performance service architectures.
- Contributed to architecture planning for a Full Entitlement Server, defining 8+ scalable service boundaries and end-to-end authorization flows.
- Implemented event-driven architecture using Kafka, enabling asynchronous processing and improving system decoupling, reducing request latency by 40%.
- Built 15+ Grafana dashboards for service health, Kafka metrics, latency, and error monitoring.
- Mentored 5 engineers through code reviews, design discussions, and best-practice sessions.
- Wrote unit tests achieving 85%+ code coverage to improve reliability and production stability.
- Engineered and maintained production-grade CI/CD pipelines using GitLab CI/CD, Docker, Kubernetes, SonarQube, and Redis, reducing deployment time by 60% and improving release reliability.

System Engineer

Tata Consultancy Services | Aug 2021 - Dec 2024

- Engineered full-stack MERN applications for enterprise clients.
- Built scalable **REST APIs** using Node.js and Express supporting 3+ microservices.
- Architected and optimized MySQL schemas and queries.
- Improved code quality by **resolving SonarQube issues** by 0% related to security and maintainability.
- Containerized services using **Docker** and supported **Kubernetes deployments**.
- Collaborated in Agile teams, delivering features with high quality and reliability.

FREELANCE - Founder, Product Designer & Developer

Dec 2024 - April - 2025

- Designed, developed and deployed a client and employee management platform, achieving 100% automation of onboarding, tracking, and workflows.
- Led the full-cycle architectural strategy, leveraging the MERN stack for scalability, performance, and seamless multi-platform user experiences, supporting 1000+ customers.

Github : <https://github.com/suraj-ms/ShivajiCreationFullStack>

EDUCATION

Vidya Vardhaka College of Engineering

Bachelor of Engineering - Information Science and Engineering

2017 - 2021