

SURAJ MS

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SKILL SET

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|----------------------------------|--|
| Programming Languages: | JavaScript/TypeScript, Python |
| Frontend: | React.js, HTML5, CSS3 |
| Backend: | Node.js, Express.js, RESTful API |
| Database: | SQL (MySQL), NoSQL (MongoDB), in-memory (Redis) |
| Technologies: & Tools | AWS, Kafka, Docker, Kubernetes, Git, Webpack, DSA, LLD, HLD, Jest, Cypress |

EXPERIENCE

Senior Software Engineer

June 2025 - Present

6D Technologies Private Limited,

Bangalore, India

- Spearheaded migration of monolithic services to microservices architecture, improving system modularity and reducing system complexity by 40%.
- Developed real-time monitoring dashboards and templates using React and Node, cutting incident response time by 60%.
- Optimized MySQL data models and queries, enhancing performance by 90% while maintaining robust data integrity.
- Deployed full-stack applications on AWS EC2, S3, and Application Load Balancer via CI/CD pipelines, reducing latency by 45% and improving scalability.
- Built and maintained high-throughput event-driven Kafka systems, improving data processing efficiency by 99%.
- Designed and implemented caching strategies with Redis, reducing API response times by 40% and minimizing database load.

System Engineer

August 2021 - December 2024

Tata Consultancy Services (TCS)

Bangalore, India

- Engineered scalable RESTful APIs using Node.js and Express, optimizing performance and reducing latency by 30%.
- Boosted frontend performance by 25% via code splitting, lazy loading, and optimized asset delivery.
- Leveraged CI/CD pipelines in gitlab and Docker to streamline deployments and reduce errors by 70%.
- Automated end-to-end testing of React.js applications using Cypress, increasing test coverage by 90%.
- Led a team of 5 developers, achieving 98% project completion rate within deadlines.

EDUCATION

Bachelor of Engineering (Computer Science & Engineering) - Vidya Vardhaka College of Engineering

2017 - 2021

CERTIFICATIONS AND ACHIEVEMENTS

- **The Complete Data Structures and Algorithms Course in Python** - Udemy, 2024
- **[NEW] Ultimate AWS Certified Cloud Practitioner CLF-C02** - Udemy, 2024

FREELANCE

Founder, Product Designer & Developer (<http://shivajicreations.shop/>)

December 2024 - Present

- Designed and developed a client and employee management platform, achieving 100% automation of onboarding, tracking, and workflows.
- Managed the full-cycle architectural strategy, leveraging the MERN stack for scalability, performance, and seamless multi-platform user experiences, supporting 10,000+ customers.
- Deployed and managed a highly scalable tool, incorporating robust security measures and ensuring 99.9% uptime.
- **Tools:** Node.js, Express.js, MongoDB, React.js.