

SURAJ MS

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SKILL SET

Programming Languages:	JavaScript, TypeScript, Python,
Front End	HTML, CSS, React.js/, React Native
Back End	Node.js, Express JS
Database	Sql - MySql, NoSql - MongoDB
Technologies	AWS, Docker, Git, Google Maps, Gemini Integration (AI), webpack
Software Engineering Principles:	Data Structures and Algorithms, System Design

EXPERIENCE

System Engineer - Tata Consultancy Services (TCS)

February 2023 - December 2024

Full stack Developer

Bangalore, India

- Engineered exclusive REST API endpoints using Node.js, Express, and MongoDB to streamline and secure data transfer between client and server, achieving 98% accuracy in data handling.
- Integrated payment APIs for a seamless payment system with up to 99% transaction success rate.
- Implemented advanced data encryption and secure authentication, reducing vulnerabilities by 90%.
- Leveraged React.js to create highly responsive and interactive web designs, resulting in a 25% increase in user engagement
- Created automated unit and integration tests, reducing bugs by 30% and enhancing application reliability through continuous quality assurance.
- Led code reviews and mentored junior developers to promote continuous improvement and high-quality development practices,

Back End Developer

August 2021 - February 2023

- Built and optimized high-performance RESTful APIs driving a significant 25% surge in website traffic and conversion rates
- Revamped system security by implementing exclusive JWT and OAuth authentication protocols with advanced encryption, effectively safeguarding over 95% of user data.
- Performed rigorous unit testing and debugging, ensuring superior code quality and user experience, which led to a 30% reduction in bug reports.
- Achieved 99.9% uptime by deploying applications in AWS using Docker ensuring smooth operation in production environments.
- Collaborated with cross-functional teams to ensure the timely and budget-compliant delivery of high-impact projects and initiatives.

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

- Developed and designed a client and employee management platform single-handedly, achieving 100% automation of onboarding, tracking, and workflows to enhance operational efficiency.
- Directed the full-cycle architectural strategy of the application, leveraging the MERN stack to ensure scalability, performance, and seamless user experiences across multiple platforms by supporting over 10000+ customers
- Deployed and managed a highly scalable tool, incorporating robust security measures and ensuring 100% uptime.
- Tools:** Node js, Express js, Mongo db React js.

EDUCATION

Bachelor of Engineering, Vidya Vardhaka College of Engineering

2017 - 2021

CERTIFICATIONS AND ACHIEVEMENTS

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