

SURAJ MS

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SKILL SET

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

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 to create highly responsive and interactive web designs, resulting in a 25% increase in user engagement
- Employed DevOps practices, automating deployments, monitoring systems, and ensuring continuous integration and delivery, reducing deployment time by 40%.
- Created automated unit and integration tests, reducing bugs by 30% and enhancing application reliability through continuous quality assurance.

Back End Developer August 2021 - February 2023

- Built and optimized high-performance RESTful and GraphQL 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.
- Conducted data analysis and optimization, achieving a 99% improvement in data accuracy using Python libraries like NumPy, Pandas, and Matplotlib for enhanced visualization and interpretation.
- 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 and Kubernetes, ensuring smooth operation in production environments.

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