

Rupen Chitroda

[in rupenchitroda](#) | [✉ rupenchitroda16@gmail.com](mailto:rupenchitroda16@gmail.com) | [☎ +91 971 230 1021](#)

SUMMARY

Experienced Software Engineer proficient in Node.js and TypeScript, with over two years of hands-on experience in backend development and skilled in working with multiple databases.

EDUCATION

B.Tech in Computer Science & Engineering

2019 - 2022

Nirma University, Ahmedabad

WORK EXPERIENCE

Software Development Engineer

Jan 2022 - Present

Smartsense Consulting Solutions

Gandhinagar, India

- Collaborated in designing highly reliable and performant RESTful APIs for robust server-side applications.
- Developed a project boilerplate code, consequently improving team collaboration and code consistency; reduced development time by 20%
- Authored technical documentation, for Dynamic Application Security Testing (DAST), ensuring comprehensive security measures across all applications.
- Implemented services like EKS, RDS, VPC, Lambda, S3, EC2, and ECR in a production-level project, maintaining its cloud architecture to ensure scalability, security, and efficiency

SKILLS

Technical NodeJS (ExpressJS), TypeScript, MySQL, MongoDB, Redis

Additional Docker, AWS, Kubernetes, GitHub Actions

PROJECTS

Fintech App

- Contributed to the app's architecture using AWS CDK and Node.js for scalability, and integrated AWS Cognito with JWT for secure user authentication and authorization
- Created critical components like the subscription management module and cashback system, enhancing user engagement and retention
- Established webhooks to enable seamless communication with external services, facilitating real-time data exchange and integration

Temple Management

- Managed and processed large datasets of 1.5 to 2 million records, ensuring efficient data handling
- Optimized existing database queries through normalization and indexing, achieving a 30% to 40% reduction in response times
- Developed and contributed to a microservices-based codebase, enhancing scalability and maintainability
- Utilized Sequelize ORM to construct and execute a range of SQL queries, from simple to complex

PDF Translation Service

- Redesigned a PDF translation service supporting translations between any language pair
- Utilized Azure Service Bus to enhance request queuing efficiency and Azure Blob Storage for secure and scalable data storage
- Leveraged Google Translate API to provide accurate and reliable translation services