SRI RAJAN

Tamil Nadu, India

srirajanb781@gmail.com **|** 9025037108

github.com/sri-rajan **|** linkedin.com/in/sri-rajan-bb1442215

Summary

Full-Stack Software Engineer with 3+ years of experience building scalable distributed systems and event-driven architectures in a SaaS Fintech environment. Skilled in Node.js, TypeScript, MongoDB, and microservices. Experienced in containerized deployments, cloud-native design, and team collaboration in Agile environments.

Skills

Languages: JavaScript, TypeScript, Python, Java
Frontend: ReactJS, NextJS, EJS, ElectronJS
Backend: Node.js, Express.js, gRPC, REST APIs, RabbitMQ
Database: MongoDB, SQL
DevOps & Tools: Docker, AWS S3, PuTTY, New Relic, Jenkins, Git, EC2
Architecture & Systems: Microservices, Distributed Systems, Event-Driven Architecture, API Design, Cloud Deployment
Integrations & External Services: Payment Gateways (Stripe, AcceptBlue, EzPay, Repay, PayScout), SMS & Calls (Twilio, Vonage, Text Request,TCN), Accounting (ZohoBooks, Xero, QuickBooks), Skip Tracing (Tracers), Email Services (Amazon SES, AWS Lambda)
Security & Authentication : Keycloak (Role-Based Access Control, OAuth2, JWT)
Testing: Mocha, Postman

Work Experience

Maxyfi, Chennai
Software Development Engineer 2 | Mar 2025 - Dec 2025
- Improved SMS and email deliverability by **50%** by implementing throttling using **Redis**.
- Designed and implemented **automated file processing**, eliminating **100% of manual work** for file uploads using SFTP batch processing.
- Monitored system performance with **New Relic**, reducing server downtime by **90%.**
- Offloaded CPU-intensive computation to slave servers, reducing API server downtime by **99%.**
- Collaborated closely with cross-functional teams and product managers, improving sprint delivery efficiency by **25%** through clearer communication and well-documented technical designs.

Maxyfi, Chennai
Software Development Engineer 1 | May 2023 - Mar 2025
- Enhanced platform scalability through **distributed service orchestration**, reducing single-server load by 60%.
- Improved API response time by **80%** through optimized MongoDB indexing and data normalization strategies
- Designed and built **microservices for SMS, email communication, and templates** using gRPC, RabbitMQ, and internal APIs for scalable, modular development.
- Optimized workflow automation by **100x,** scaled from 1,500 to ~150,000 SMS/email sent daily `using event-driven messaging queues`
- Mentored 2 junior developers, enabling them to independently deliver features and maintain code quality.
- Optimized and scaled **payment integrations** handling $100k–$500k daily with **99.9% accuracy**.

Maxyfi, Chennai
Software Development Engineer Intern | Aug 2022 - May 2023
- Integrated **Keycloak** for **secure, centralized user authorization**, enabling scalable **role-based access control (RBAC)** for 1,000+ active users.
- Replaced the monolithic authentication system with a **distributed Keycloak setup**, reducing authentication failures and maintenance effort by **~70%**.
- Integrated third-party systems: **Payment gateways** (Stripe, AcceptBlue), **Accounting** (ZohoBooks, Xero), and **Communication** (Twilio).

Education

The New College, Chennai
Bachelor of Computer Application (BCA) | 2020 - 2023
- Data Structures & Algorithms
- Database Management Systems (DBMS)
- Web Development (HTML, CSS, JavaScript, Node.js)
- Software Engineering & System Design Fundamentals
- Object-Oriented Programming (Java / Python)