

Resume – Manish Prajapati

Summary

Backend Technical Lead with 9+ years of experience building secure, scalable, and real-time backend systems in the **fintech** domain. Currently leading product development at an **RBI-authorized payment gateway & aggregator**, with expertise in fraud detection, transaction processing, microservices, and real-time rule engines.

Technical Skills

Languages: Java 17, SQL, Bash

Frameworks: Spring Boot, Spring Security, Spring Cloud

Rule Engines: Drools

Databases: PostgreSQL, Redis (cache + streams)



DevOps Tools: Docker, Jenkins, GitHub Actions

Other: Redis Streams, Kafka (basic), ELK Stack, Prometheus, Micrometer

Architecture: Event-driven systems, Rule-based systems, Microservices

Experience

◆ Technical Lead – [Company Name Hidden] (**Payment Gateway & Aggregator**)

 India |  Apr 2021 – Present

- Architected and built a **real-time fraud detection engine** using Java, Spring Boot, Drools, Redis Streams, and PostgreSQL.
- Designed and implemented a **streaming pipeline** that processes 1M+ transactions daily with sub-second latency.
- Mentored a team of 4 backend engineers. Conducted code reviews and technical interviews.
- Implemented **blacklist logic, transaction scoring, and behavioral profiling** using Drools templates.

- Ensured RBI compliance in **data retention, traceability, audit logging**, and API security.

◆ Senior Software Engineer – [Previous Company Name]

📍 India | 📅 Jan 2018 – Mar 2021

- Developed microservices for merchant onboarding, transaction routing, and reconciliation.
- Optimized PostgreSQL queries, implemented Redis-based caching, and improved response latency by 40%.
- Designed a **merchant dashboard API** with JWT-based auth and circuit breakers using Resilience4j.

◆ Software Engineer – [Earlier Company]

📍 India | 📅 2015 – 2017

- Built internal tools for monitoring API health, alerting, and dynamic configuration via REST endpoints.

🎓 Education

Bachelor of Technology (B.Tech) – [Your Branch], [Your University]

📅 Year of Graduation: 2014

📍 Location: [City, State]

🏆 Highlights

- 🚀 Reduced fraud decision time from 500ms to 50ms
- ⚙️ Scaled fraud detection to handle 50K+ TPS
- 🛡️ Secured ₹7 Cr worth of transactions in first 3 months
- 🧠 Deep expertise in real-time architecture, rule engines, and Redis stream processing

🌐 Links

- Portfolio: sparrow-trajon.github.io/manish-portfolio
- GitHub: github.com/sparrow-trajon

- LinkedIn: [linkedin.com/in/your-profile](#) *(update this)*
 - Email: [your.email@example.com](#)
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💡 *"I build backend systems that think fast, scale hard, and never miss a transaction."*