

SHOHRAB RUSTAM

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[Website](#)

SOFTWARE ENGINEER

Backend Software Engineer with 4+ years architecting high-performance microservices and distributed systems for fintech platforms serving 20M users. Expert in Java, Spring Boot, and Apache Kafka with proven ability to optimise performance by 40%, reduce latency by 60ms, and increase uptime to 99.9%. Specialised in event-driven architectures, leading technical migrations, and delivering scalable solutions handling 2M daily transactions.

TECHNICAL SKILLS

Languages & Frameworks: Java, Spring Boot, Hibernate, JPA, Data Structures & Algorithms, Problem Solving

Messaging & Databases: Apache Kafka, RabbitMQ, Redis, PostgreSQL, MySQL, CockroachDB, Event-Driven Architecture

Cloud & DevOps: Docker, Kubernetes, Jenkins, CI/CD Pipelines, Git, Automated Deployment

Monitoring & APIs: ELK Stack, Elasticsearch, RESTful APIs, Microservices, API Gateway, Swagger, Third-Party Integration

Architecture: Microservices Architecture, Distributed Systems, System Design, Domain-Driven Design, Design Patterns

AI Development Tools: Cursor AI, Amazon Q, Claude AI, AI-Assisted Development, Prompt Engineering

Methodologies: Agile, Scrum, Test-Driven Development, Code Review, Performance Optimisation, Debugging

PROFESSIONAL EXPERIENCE

Software Engineer | mPokket Financial Services Pvt. Ltd, Bangalore | December 2021 - Present

- Architected 15+ Spring Boot microservices using Kafka and Redis, serving 50M+ users with 2M+ daily transactions.
- Led monolithic-to-microservices migration, reducing API latency by 60ms (40%).
- Optimised REST APIs by 30% through caching and query tuning; reduced production incidents by 45% and server costs by 25%.
- Mentored 5 developers; conducted 50+ weekly code reviews, improving quality from 65% to 90%.
- Integrated 10+ third-party services (payment gateways, CRM) with a 99.95% success rate using secure REST APIs

Associate Software Engineer | InvestCloud Pvt. Ltd, Bangalore | June 2021 - December 2021

- Optimised 20+ legacy Java APIs for wealth management platforms, improving response times by 25%
- Resolved 50+ critical production issues, delivered 30+ enhancements with 85% code coverage

KEY PROJECTS

Real-Time Payment Processing Engine:

Architected a transaction system handling 2M daily transactions with zero data loss using Java, Kafka, Redis, and PostgreSQL. Achieved sub-200ms response time via event-driven architecture; reduced database load by 60%. Implemented circuit breaker patterns, distributed caching, and automated monitoring, ensuring 99.99% transaction accuracy.

Digital Lending Platform:

Built 25+ REST APIs serving 20M users (99.9% availability). Developed penalty engine processing 500K+ calculations daily. Integrated CRM reducing resolution time by 40%. Implemented RBAC, automated loan workflows, and audit logging for compliance.

Document Processing Microservices:

Led a Laravel-to-Spring Boot migration, achieving 3x performance and 10x scalability. Reduced processing time from 10s to 3s via Kafka streaming and S3 storage. Built a CI/CD pipeline with Docker and Jenkins, achieving 85% code coverage with zero-downtime deployments.

EDUCATION

Bachelor of Technology

A.P.J. Abdul Kalam Technical University, Lucknow | June 2017 - July 2021

ACHIEVEMENTS

- "Best Performer Q3 2023" at mPokket for delivering migration 2 weeks ahead of schedule
- Reduced production incidents by 45% YoY; Led architecture design for 3 components adopted as org standards.