

Roshan Kumar

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Summary

SDE-3 Backend Engineer with 4.8+ years of experience building scalable microservices using Java and Spring Boot. Strong in distributed systems, REST APIs, and event-driven architecture with Kafka, with hands-on experience in AWS and Kubernetes.

Skills

Languages: Java

Frameworks: Spring Boot, Spring MVC, Hibernate, JPA

Architecture: Microservices, Distributed Systems, REST APIs, System Design

Cloud/DevOps: AWS (S3, Lambda), Docker, Kubernetes, CI/CD

Databases: MySQL, PostgreSQL

Tools: Kafka, JUnit, Mockito, Git, Github Copilot

Experience

- Software Engineer** Aug 2024 – Present
eClerx Bangalore
 - Built scalable microservices for a loan/lease quotation system, handling complex financial calculations and business rules
 - Designed and developed REST APIs supporting **100K+ daily requests** with high availability and fault tolerance
 - Reduced API latency by **30%** through query optimization, caching strategies, and efficient data access patterns
 - Decreased production issues by **25%** by improving monitoring, debugging workflows, and overall system reliability
- Full Stack Developer** Apr 2024 – Jul 2024
Innova Solutions Hyderabad
 - Developed backend services using Java and Spring Boot to support enterprise-grade applications and workflows
 - Built REST APIs for multi-vendor transactions, improving system efficiency and processing throughput by **20%**
 - Optimized MySQL stored procedures and queries for high-performance data processing and reduced response times
 - Collaborated with product and frontend teams to design and deliver scalable, production-ready features
- Backend Developer** Jul 2023 – Apr 2024
Sun King Mumbai
 - Developed fintech backend services supporting **50K+ users**, ensuring scalability and high system reliability
 - Reduced system latency by **35%** through optimized service design and efficient data processing pipelines
 - Built batch processing pipelines using Spring Batch to handle large-scale data ingestion and synchronization
 - Improved PDF generation performance by **40%** using multi-threaded processing and optimized resource handling
- Software Engineer** Jun 2021 – Jul 2023
Techsophy Hyderabad
 - Developed REST APIs using Spring Boot in a microservices architecture for enterprise-scale applications
 - Built services processing **10K+ daily records**, improving workflow efficiency by **30%** using Camunda BPM
 - Improved code quality and maintainability by resolving SonarQube issues and reducing technical debt
 - Maintained **85%+ test coverage** using JUnit and Mockito to ensure system reliability and stability

Education

MCA – University of Hyderabad

Certifications & Achievements

AWS Cloud Practitioner Essentials
Generative AI – Technical University of Munich

AIR-88 in BIT MCA Entrance
Hackathon Winner – MLH