

Gaurav Sutar

Java Backend Developer | Spring Boot | Microservices | Cloud-Native Systems

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Professional Summary

Java Backend Developer with 3.2 years of experience designing and delivering cloud-native, event-driven microservices for high-throughput banking systems. Consistently drove 30% API latency reduction, 40% faster deployment cycles, and 99.9% uptime while mentoring teams in Agile/Scrum. Proficient in Java (8/11/17/21), Spring Boot, Spring Cloud, Kafka, and RESTful Web Services. Open to Java Developer, Backend Developer, and Software Engineer roles.

Technical Skills

Languages	Java (8/11/17/21), SQL, Shell Scripting
Frameworks	Spring Boot, Spring MVC, Spring Security, Spring Batch, Spring Cloud, Hibernate, JPA
Backend	REST APIs, Microservices, Apache Kafka, Redis, API Gateway, Resilience4j, Prometheus, Grafana
Databases	MySQL, PostgreSQL, Oracle, MongoDB
Cloud/DevOps	AWS (EC2, S3, IAM), Docker, Kubernetes, Jenkins, CI/CD, GitHub Actions, Maven, Gradle
Testing	JUnit, Mockito, Integration Testing, TDD
Security	JWT, RBAC, OWASP Top 10, Spring Security, OAuth 2.0
Concepts	System Design, OOP, SOLID, Design Patterns, DSA, ORM, Agile, Scrum
Observability & Logging	Prometheus, Grafana, ELK Stack, SLF4J/Logback, Distributed Tracing
Tools	Git, GitHub, Swagger/OpenAPI, Postman, IntelliJ IDEA, VS Code

Professional Experience

Backend Engineer — C-Edge Technologies Ltd., Navi Mumbai May 2023 – Present

- Led the architecture and delivery of 10+ cloud-native Spring Boot microservices with Spring Cloud and Java 17, maintaining **99.9% uptime** in banking systems handling millions of daily transactions.
- Designed and delivered 25+ RESTful Web Service APIs documented with Swagger/OpenAPI, improving cross-service integration efficiency by **35%** and shortening developer onboarding.
- Diagnosed N+1 query issues and missing indexes in MySQL/PostgreSQL; redesigned connection pool sizing, cutting average API response time by **30%** under peak production load.
- Strengthened API security with JWT, RBAC, and Spring Security, achieving OWASP Top 10 compliance and eliminating **90% of critical vulnerabilities**.
- Owned CI/CD pipeline automation using Jenkins, Docker, and GitHub Actions, accelerating release cycles by **40%** with zero-downtime blue-green deployments.
- Spearheaded root-cause analysis of 50+ production incidents, implementing structured logging (SLF4J) and distributed tracing; reduced mean-time-to-resolution by **25%**.
- Drove test automation initiatives with JUnit and Mockito, elevating code coverage from 60% to **85%** and cutting regression defects by 30%.
- Led code reviews and API contract definitions across 6+ Agile sprints for 3+ integrated microservices, enforcing best practices and SOLID design.

Projects

Asset Management System — Microservices Architecture 2024

Spring Boot, Spring Cloud, Apache Kafka, MySQL, Docker, Spring Batch, Resilience4j, Java, Git

- Led the design of an event-driven microservices platform managing **10,000+ banking assets** (tracking, maintenance, reconciliation) with 99.9% data consistency.
- Evaluated RabbitMQ vs Kafka for async inter-service communication; selected Kafka for its replay capability and higher throughput, reducing service coupling by **60%** while sustaining high-frequency transaction processing.
- Integrated Resilience4j circuit breakers and retry policies, preventing cascading failures across 5+ dependent microservices.
- Reduced database load by **35%** through SQL indexing and Spring Batch bulk-processing jobs; containerized services with Docker and enforced RBAC and OWASP security standards.

Investment Portfolio Management System — Monolithic Architecture 2025

Spring Boot, Apache Kafka, PostgreSQL, Redis, Docker, Kubernetes, AWS EC2/S3, Java, Git

- Spearheaded development of a portfolio management platform tracking 5+ asset classes in real time using Kafka-driven async event processing with end-to-end data integrity.
- Reduced REST API latency by **40%** via Redis distributed caching and async multithreaded handling of financial queries; developed 15+ APIs documented with OpenAPI specs.
- Deployed on Kubernetes with horizontal pod autoscaling, achieving **99.9% high availability**; integrated AWS S3 for secure document storage with 100% regulatory compliance.
- Implemented a Kafka-driven real-time event streaming pipeline processing **10,000+ events/sec** with end-to-end latency under 200ms, enabling instant portfolio rebalancing and live P&L updates.

Education

