

# Amit Sharma

Senior Java Developer

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## SUMMARY

Experienced Java Developer with 7+ years in building scalable enterprise applications and RESTful APIs. Skilled in Java, Spring Boot, Microservices, and database optimization. Proven ability to lead backend teams, improve system performance, and deliver robust software solutions within agile environments.

## EXPERIENCE

### Senior Software Engineer (Java)

Jan 2021 - Present

Infosol Technologies Pvt. Ltd.

- Designed and developed scalable REST APIs using Spring Boot and Hibernate, improving response time by 35%
- Implemented microservice architecture for payment and user management modules, reducing downtime by 40%
- Integrated Redis caching and asynchronous processing to enhance system performance
- Mentored a team of 3 junior developers and conducted weekly code reviews to ensure code quality

### Java Developer

Jun 2017 - Dec 2020

CodeCraft Systems

- Built and maintained core backend modules for an HR management platform used by 50K+ employees
- Developed real-time data synchronization using WebSockets and REST APIs
- Collaborated with frontend developers to ensure seamless API integration
- Wrote unit and integration tests using JUnit and Mockito, achieving 90% code coverage

## EDUCATION

### Indian Institute of Technology (IIT) Bombay

2013 - 2017

Bachelor of Technology in Computer Science

Graduated with First Class Honors | Core Focus: Algorithms, Software Engineering, and Databases

## TECHNICAL SKILLS

Java, Spring Boot, Hibernate, RESTful APIs, Microservices, MySQL, MongoDB, Kafka, AWS, Docker, Jenkins, Git, Agile Methodology, JUnit, Mockito

## PROJECTS

### Real-Time Vehicle Tracking System

Java, Spring Boot, MySQL, Kafka, ReactJS, AWS

Developed a full-stack vehicle tracking platform capable of processing real-time GPS data streams from 10K+ vehicles using Apache Kafka. Implemented backend microservices with Spring Boot for geolocation processing, trip analytics, and alert notifications. Integrated AWS Lambda and S3 for event-driven architecture and data storage. Designed efficient MySQL schemas to handle large volumes of tracking data, ensuring optimal query performance. Built a responsive ReactJS frontend for real-time vehicle visualization on interactive maps with live status updates. Deployed and monitored services on AWS EC2 using CloudWatch and Jenkins CI/CD pipelines for automated builds and deployment.

### E-Commerce Order Management API

Java, Spring Boot, MongoDB, Docker, Jenkins

Developed a microservice-based Order Management API handling 100K+ daily transactions for an enterprise e-commerce platform. Implemented secure authentication and authorization using JWT and Spring Security. Built order processing, inventory synchronization, and payment tracking modules with asynchronous message handling for scalability. Optimized MongoDB queries and indexing for faster response times, reducing latency by 45%. Integrated Docker containers for isolated service environments and automated deployment using Jenkins pipelines. Implemented centralized logging using ELK Stack (Elasticsearch, Logstash, Kibana) for monitoring and debugging across distributed services. Collaborated with frontend and QA teams to ensure seamless end-to-end functionality and smooth release cycles.

## CERTIFICATIONS

- Oracle Certified Professional: Java SE 11 Developer — 2023
- AWS Certified Developer – Associate — 2022