

# KISHAN KUMAR YADAV

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## SUMMARY

Backend Software Engineer with 4+ years of experience building scalable Java-based microservices. Strong expertise in high-throughput REST APIs, Redis caching, Kafka-based event-driven systems, and database optimization with a solid foundation in concurrency and system design.

## EDUCATION

**B.E. in Engineering**, Bharati Vidyapeeth College of Engineering  
CGPA: 8.52 / 10

2016 – 2020

## SKILLS

Languages	Java, SQL
Frameworks	Spring Boot, Spring MVC, Spring JPA, Hibernate, Spring Security, OAuth2, JWT
Backend	Microservices, REST APIs, Multithreading, Design Patterns, DSA
Messaging	Apache Kafka
Databases	MySQL, Redis
Cloud/DevOps	AWS (EC2, S3), Docker, GitLab CI/CD
Tools	Git, Maven, Jira, Confluence

## EXPERIENCE

### Software Engineer II

HERE Technologies

Jan 2025 – Present

Mumbai, India

*Tech Stack: Java, Spring Boot, MySQL, AWS (EC2, S3), Docker, GitLab CI/CD*

- Designed and owned Java-based automation framework for large-scale road data validation, reducing processing time by **40%**.
- Built GitLab CI/CD pipelines for automated test execution and reporting.
- Migrated services to AWS EC2 using Docker, improving deployment consistency and memory utilization by **20%**.
- Implemented thread-safe processing and concurrency controls to prevent duplicate execution.

### Project Engineer

Wipro Limited

Dec 2021 – Dec 2024

Mumbai, India

*Tech Stack: Java, Spring Boot, Microservices, Kafka, MySQL, Docker, OAuth2, JWT*

- Developed backend microservices using Java, Spring Boot, Spring Batch, and Hibernate.
- Built REST APIs and SharePoint integrations, reducing manual operations by **30%**.
- Engineered event-driven microservices using Kafka to improve scalability and service decoupling.
- Optimized high-throughput APIs through batch processing and SQL indexing, reducing database load by **30%**.
- Resolved production issues and supported releases in Agile (Scrum) environment.
- Participated in backend system design discussions focusing on scalability and asynchronous processing.
- Implemented OAuth2 and JWT-based authentication using Spring Security to secure REST APIs and microservices.
- Containerized microservices using Docker and collaborated with platform teams for Kubernetes-based deployments.

## PROJECTS

### Sales Application

Wipro Limited

- Designed backend microservices using Spring Boot for sales workflows.
- Improved performance using database indexing, batching, and idempotent updates.

## ACHIEVEMENTS

**250+ Data Structures and Algorithms problems solved on LeetCode**