

Manish Kumar

Senior Software Engineer | Distributed Systems & Microservices

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Summary

Senior Software Engineer with nearly 5 years of experience building distributed real-time applications at scale, specializing in Java, Spring Boot, event-driven microservices, and cloud-native architectures. Experienced in leveraging AI-assisted development tools, including GitHub Copilot and Claude Code CLI, to accelerate software delivery, improve code quality, and enhance developer productivity.

Technical Skills

Core Backend Technologies : Java, Spring Boot, REST APIs, GraphQL, Microservices, Event-Driven Architecture

Databases : MySQL, PostgreSQL, Hibernate/JPA, MongoDB, Redis, Elasticsearch

Cloud & DevOps : AWS (EC2, API Gateway, S3, CloudWatch), Docker, CI/CD, Jenkins, ArgoCD, Grafana, Zipkin

AI & Developer Productivity : GitHub Copilot, AI-Assisted Development, Claude Code CLI, Automated Testing

Frontend & Tools : React, JavaScript, TypeScript, HTML5, CSS3, Git, Maven, IntelliJ IDEA, JUnit, SDLC

Experience

Senior Software Engineer

May 2026 – Present

GeekyAnts

Bangalore, India

- Implemented courier management platform leveraging event-driven architecture with Kafka, JWT-based security, jOOQ, PostgreSQL, Spring Cloud components, and distributed observability using Prometheus and Zipkin.

Associate Consultant

November 2024 – February 2026

Infosys

Bangalore, India

- Architected and developed the Samsung Inventory Management System (SIMS) for the US region from scratch, building a scalable, distributed microservices platform.
- Engineered event-driven inter-service communication using Apache Kafka to automate data pipelines across SIMS, while managing deployments and resolving critical bugs to ensure high system resilience.
- Built and deployed core APIs for the LIC Dashboard application, including high-performance search endpoints and a scheduling module, driving a 30% increase in supervisor operational efficiency.
- Strengthened system security and reliability by implementing secure authentication protocols and comprehensive JUnit test suites (increasing coverage by 40% and reducing production bugs by 25%), alongside leading code reviews and mentoring junior developers.

Software Engineer

August 2023 – October 2024

LeadSquared

Bangalore, India

- Core developer for Converse, a real-time omni-channel communication platform. Engineered backend systems across 50+ microservices handling 25M+ messages monthly for 400+ enterprise clients, enabling low-latency agent-customer communication and intelligent message routing across channels including WhatsApp, SMS, and Chatbots.
- Architected and executed the migration of the core authentication service from .NET to a Java/Spring Boot microservice, unifying the backend ecosystem and enhancing zero-trust security practices.
- Engineered a multi-database archival architecture to automatically route historical message data to a secondary database, significantly reducing primary node latency and ensuring high availability for active transactions.
- Expanded the 'Converse' omni-channel platform for 400+ enterprise clients by developing a real-time integrated calling feature and building comprehensive data lifecycle APIs for secure message deletion.

Java Developer

March 2023 – August 2023

Acutec Global Services llp

Noida, India

- Engineered a scalable financial management system using Java and the Spring framework in collaboration with cross-functional teams, delivering real-time transaction tracking and accurate financial reporting.
- Optimized database performance and system efficiency by tuning queries to reduce execution time by 40%, ensuring high-quality, low-latency deliverables within strict project deadlines.

Trainee Engineer

December 2021 – January 2023

Active.AI

Bangalore, India

- Developed custom workflows and message routing logic, resulting in a 30% reduction in response time and transformed overall system efficiency.
- Integrated chat bot with external APIs, such as WhatsApp Messenger, expanding the user reach by 50% and enhancing the user experience.
- Conducted thorough testing and debugging of Camel routes and workflows, resulting in a 30% decrease in critical bugs and improved system stability.

Associate System Engineer

August 2021 – December 2021

IBM India Pvt. Ltd.

Bangalore, India

Education

Guru Gobind Singh Indraprastha University (GGSIPU) - *Masters of Computer Applications (MCA)*