

Rangesh kumar *Senior Software Engineer*

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PROFESSIONAL SUMMARY

Senior Software Engineer at LTIMindtree with **6 years of experience in developing and designing backend microservices and distributed systems** using Spring Boot and Core Java and developing User Interface (UI) Applications and Dashboards using Angular. Skilled in requirement analysis, project management, and mentoring team members. Possesses strong analytical, problem-solving, and communication skills.

SKILLS

Languages — Java, JavaScript, SQL, TypeScript

Technologies — Spring Boot, hibernate, Kafka, Redis, Git, Node.js, Docker, Kubernetes, Angular

Databases — Oracle, Mongo DB, Kusto

Cloud — Azure, AWS

PROFESSIONAL EXPERIENCE

LTIMindtree, *Senior Software engineer*

Jun 2019 – present
BELLEVUE, United States

1. Hotel Management Services (Client: Marriott)

- Designed and implemented scalable services for a high-impact E-commerce system generating \$1 billion in annual revenue, utilizing **Java, Spring Boot, Redis Cache, and Apache Kafka**.
- Integrated APIs with multiple onboarded vendor systems and Redesigned APIs That offered Flexibility to third party to facilitate operation continuity.
- **Migrated legacy** Service oriented **monolith system to event based microservices**, Optimized existing codebase, resulting in a **reduction in server Latency and Server costs**.
- **Mentored junior engineers**, fostering a culture of innovation and collaboration, which led to a 30% improvement in team productivity and code quality.
- Engaged in the team's **on-call rotation to troubleshoot and resolve complex issues in real-time**, ensuring services remain operational and highly available.
- Built a **real-time monitoring tool** to Track the end-to-end latency and Identify bottlenecks across services and expose metrics for observability using **Python and Grafana**.

2. Airtel SimSwap (Telecom)

- Directed product enhancements and implemented business requirements by analyzing needs, preparing sequence diagrams, and utilizing technologies like Java, Spring, and messaging queues (RabbitMQ, Kafka) for backend development.
- **Improved system efficiency** by reducing sim-swap time **from 2 hours to seconds**, enabling the processing of 1.5 lakh requests per day
- **integrating QR payment solutions** using QuickSilver and Ezetap by Razorpay and implemented innovative solutions such as Sim Swap for eSIM customers.

3. SDET Tracker (LTIMindtree Internal Tool)

- Managed end-to-end **development of a centralized application and Workflows, APIs (REST and SOAP), and administrative UI dashboards using Angular**, streamlining onboarding and managing new hire engineers, that facilitated project tracking for first two years.
- Created robust, **responsive UI components with Angular**, ensuring cross-browser compatibility and optimal performance. **Implemented dynamic forms, interactive charts, and real-time data visualization**.
- **Developed dashboards and batch processing tools, automating processes** and saving over 20 hours per week.

EDUCATION

B.Tech Computer Science, NSEC (CGPA : 7.43)

Jun 2015 – May 2019 | Kolkata, India

12th grade Science (PCM), NDPS (Percentage: 75%)

New Delhi, India