Ravi Kumar

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SUMMARY

Senior Software Engineer with 4+ years of experience designing high-performance back-end systems. Proficient in Java and Spring Boot with a strong track record in developing scalable microservices and secure REST APIs. Demonstrated success in migrating monolithic applications to microservices architecture, optimizing performance, and driving CI/CD automation. Experienced in collaborating with cross-functional teams to meet stringent security and performance standards.

SKILLS

- **Programming**: Java, SpringBoot, Spring Framework, core Spring, JPA, Hibernate, REST, Micro-services, Machine Learning
- **Testing**: Unit Testing, Mockito, JUnit 5, JUnit Testing
- **Tools - Framework**: Maven, RabbitMQ, Postman
- **Data Base**: PostgreSQL, MySQL, MongoDB, Cassandra, Oracle SQL, Database Management
- **CI-CD**: DevOps, Git, Jenkins, Docker, Kubernetes, JIRA, Agile, Scrum, Angular, HTML, CSS, NiFi, Cloud Technologies
- **Soft Skills**: Leadership, Documentation, Team Player, Event Management, Continuous Improvement, Product Management

EXPERIENCE

PAYTM   **Apr 2025 - Present**
SENIOR SOFTWARE ENGINEER   *Noida, INDIA*

- Migrated monolithic MVC application to microservices architecture using Java and Spring Boot, improving scalability by 40% and reducing deployment time by 30% while meeting performance and security standards.
- Designed and developed critical modules with Spring Framework and REST APIs, enhancing system maintainability and reducing technical debt by 25%.
- Resolved complex SSO integration issues with Okta, achieving a 99.9% authentication success rate and reducing login-related incidents by 35% in compliance with security practices.
- Enabled seamless communication across microservices by integrating REST APIs, supporting optimal hosting environments and robust data exchange.

IDEMIA   **Oct 2021 - Apr 2025**
SOFTWARE ENGINEER   *Noida, INDIA*

- Engineered high-performance data tools using Java and Spring Boot for secure, real-time processing of 1M+ records, ensuring adherence to performance and security requirements.
- Led the platform migration from MongoDB to PostgreSQL via Apache NiFi, integrating validation mechanisms and providing detailed end-to-end documentation.
- Optimized system reliability and security by increasing code coverage to 90%+, automating CI/CD pipelines with Jenkins, and adhering to corporate standards.
- Authored comprehensive documentation detailing workflows, configurations, and transformation rules, facilitating effective technical presentations and smooth knowledge transfer.

EDUCATION

Hindu College Of Engineering   **2017 - 2021**
B.TECH., COMPUTER SCIENCE ENGINEERING

- **GPA:** 7.67/10
- **Coursework:** COMPUTER SCIENCE ENGINEERING

PROJECTS

Campaign Processing as a Service
Liberty Latin America(LLA)

- Paytm's CPASS (Campaign Platform as a Service), enables businesses to run large-scale customer campaigns across WhatsApp, SMS, email, and push notifications—improving delivery reliability, reducing operational effort, and driving higher customer engagement.

Data Decryption Utility
MASCOM

- Developed a high-performance data decryption utility using Java, Spring Boot, and MongoDB, capable of decrypting large datasets and associated documents swiftly and securely.

Consistency Tool
MXGA

- Developed a high-performance consistency tool using Java and Spring Boot to detect and resolve data inconsistencies between MBSS and IBRS, ensuring data integrity and efficient processing of large datasets.

IdManage

IDEMIA
- IdManage is a scalable user enrollment and authentication platform which provides end-to-end digital identity lifecycle management, ensuring secure and efficient operations.

Idemia Biometric Recognition System

IDEMIA
- IBRS is an Automated Biometric Identification System (ABIS) offering quality inspection, authentication, and identity duplication prevention for accurate biometric recognition.

CERTIFICATIONS

- **CERTIFIED SCRUM PRODUCT OWNER (CSPO)**: SCRUM ALLIANCE