Yogesh Kumar

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About Me

Software Engineer with over **1 years** of experience building **Java Spring Boot microservices** for **enterprise platforms**. Developed and optimized **backend modules** used by **200K+ users**, improved **performance** through efficient **data handling**, and implemented APIs for **complex workflows**.

Technical Skills

Languages: Java 8–21, C++, Python, SQL, NoSQL

Backend & Frameworks: Spring Boot, Spring MVC, Spring Security, Spring Data JPA, Hibernate, RESTful APIs, Microservices, JDBC, JUnit

Databases: MySQL, PostgreSQL, MongoDB, MS SQL Server

Other Tools & Skills: Git, GitHub, Kibana, Maven, Apache Kafka, Eureka, ServiceNow, Swagger/OpenAPI, Postman, Agile/Scrum, OOPS, Data Structures and Algorithms

Work Experience

Mindsprint India Pvt Ltd., Bangalore   June 2024 - Present

Software Engineer

- Designed and engineered core backend modules for a procurement and supply chain management system using **Java 11+**, **Spring Boot**, and **RESTful APIs**. Enabled seamless API communication and observability through **Kibana** and the **ELK stack**
- Created and maintained high-performance modules for a **Financial Dashboard**, integrating external **Madcap APIs** via **Spring Scheduler (CRON jobs)** to ingest and transform procurement time-series data. Increased data accuracy and minimized manual efforts by **60%**
- Expanded role to own backend architecture for data migration and schema harmonization. Led end-to-end design using **JDBC templates**, **pagination**, and **optimized SQL queries**, resulting in a **40% improvement** in query execution time
- Collaborated in microservices for **EUDR compliance**, ensuring smooth communication with **SAP** and **OFID systems** using **Spring Cloud**, **Feign clients**, and **REST APIs**. Enhanced consistency and reduced integration issues by **35%**
- Led the development of a standalone **Referral Microservice** using **Spring Boot**, automating referral tracking workflows and contributing to a **30% increase in farmer onboarding** within the first quarter
- Modernized legacy codebase during Java 11 to 21 upgrade by leveraging **sealed classes**, **pattern matching**, and **record types**, contributing to a **25% improvement in performance and memory optimization**
- Built a transactional module across **7 countries** with a **30-member team**, streamlining farmer-admin-SAP workflows. Applied **Java Streams**, **BigDecimal**, and formulas for pricing; ensured consistency via **@Transactional** with custom isolation and rollback rules

Education

Chandigarh University, Chandigarh   August 2020 - June 2024

B.E in Computer Science and Engineering

Projects

FinFlow: A Expense Manager System.

- Initiated and developed backend architecture for budget analytics in a personal expense tracker using **Spring Boot** and **Java Streams**, enabling user-defined monthly limits and category-wise tracking
- Integrated **Twilio SMS API** with user dashboards to enable real-time budget alerts, preventing overspending. Achieved a **25% reduction in threshold violations** through immediate notification triggers
- Launched the application on **Netlify** and **Render**, and conducted testing with 10+ real users to validate functionality and enhance budgeting accuracy

Achievements

- Spot Award (2024) for delivering high-impact referral microservice boosting onboarding by 30
- Team Recognition (2024) for contributing in backend rollout across 7 countries with SAP integration