

SHWETA KUMARI

Backend Java Developer

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SUMMARY

Backend Java Developer with 6+ years of experience building scalable microservices using **Java (1.8–21)**, **Spring Boot**, and relational databases. Skilled in **exception handling**, **multithreading**, **JMS (Kafka, Solace)**, **unit testing (JUnit, Mockito)**, and **CI/CD** tools. Skilled in implementing secure, high-performance systems and driving backend innovation.

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER

[Bharti Airtel](#)

Postpaid

Gurugram

03/2022 - Present

- **Led complete integration of the BSL system by configuring Solace queues with circle-wise routing**, eliminating middleware dependencies and enabling direct multi-zone request distribution—**reducing response time by 50%** and significantly improving system scalability and user experience. Facilitated cross-functional collaboration which decreased defect density by 15% and improved code quality.
- Utilized Java 8+ features including **Streams, Optional, Lambdas, and functional interfaces** to write clean, efficient backend logic. **Designed and implemented both synchronous and asynchronous APIs** to handle high user traffic, ensuring system scalability and robust performance.
- Built and deployed utility APIs automating internal workflows, saving 5+ hours/week for team operations.
- Integrated GitHub Copilot with existing development pipelines to facilitate rapid prototyping of new features, resulting in the tool is now used by over 10 developers across engineering teams.
- Demonstrated expertise in swiftly diagnosing and resolving critical production issues to minimize downtime and ensure seamless operations.
- Used ExecutorService and ReentrantLocks to manage concurrent processing in multithreaded modules, improving throughput by 25%.
- **Configured NGINX and API Gateway as a reverse proxy and load balancer** to efficiently route traffic across microservices, improving system reliability and scalability under high concurrent load.
- Successfully migrated services from Java 8 to Java 21, improving system performance, security, and maintainability.
- **Implemented end-to-end security using Spring Security**, including **password encryption**, **role-based access control**, and **JWT authentication**, ensuring secure access to sensitive APIs and alignment with industry best practices.

Software Engineer

[Tata Consultancy Services](#)

Worked for Walgreen Pharmacy

Kolkata

06/2019 - 03/2022

- **Developed and maintained backend services for Walgreens' pharmacy and retail systems** using **Java 8, Spring Boot, and Spring MVC**, ensuring high availability and performance across millions of transactions daily.
- **Designed and optimized complex SQL queries and stored procedures** for transaction processing and inventory management, reducing query response times by **up to 30%**.
- **Wrote comprehensive unit and integration tests using JUnit and Mockito**, increasing code coverage to **90%+** and ensuring defect-free releases in production.

EDUCATION

B.Tech ECE

Haldia Institute of Technology

07/2015 - 06/2019

TECHNICAL SKILLS

Languages: C, Java, Data Structure & Algorithm, SQL, HTML, XML, JSON

DevOps & API Tools: Git, Docker, Jenkins, Kibana, Kafka, Bitbucket, Jira, Eclipse, Linux, Solace, Github Copilot, NGINX

Framework:: Spring, SpringBoot, Spring MVC, REST APIs, SOAP APIs, Maven, Hibernate, Junit

AWARDS & CERTIFICATIONS

[Great Team Player | Kudos Award](#)

Received at Airtel & TCS

[Execution Excellence Award](#)

Complete BSL system integration | Designed E2E Inflight Flow

FIND MY CODING PROFILES

Leetcode (Solved 170+ Problems)

(UserName: shweta_sher)

Hackerrank

(UserName: shwetajaiswalof1)

Code Chef (userName: shweta_sher)