Surbhi Yadav
Backend Developer

Mobile: +91 79030 59893 | Email: surbhi.dsy@gmail.com

Professional Summary

Results-driven Java Backend Developer with 2 years of experience building scalable, distributed, and cloud-native systems. Expertise in Spring Boot, Microservices, REST API engineering, AWS Cloud, SQL optimization, and production support. Strong ability to design secure, high-performance backend components with focus on clean architecture, debugging, performance tuning, and Agile delivery.

Technical Skills

Languages & Frameworks: Java, Spring Boot, Spring MVC, Microservices, Hibernate, JPA, REST APIs

Tools & Technologies: Postman, Swagger, Git, Maven, Jenkins, STS, Eclipse, VS Code, Putty, WinSCP, JIRA

Databases: MySQL, SQL Server, Amazon RDS, SQL Optimization

Cloud & DevOps: AWS (EC2, S3, RDS, IAM, CloudWatch), CI/CD Pipelines, Linux Commands, Shell Scripting

Messaging & Queue Systems: Kafka, Queue Systems (Async Processing)

Monitoring: Splunk, Log Analysis, Performance Troubleshooting

Security: OAuth2, JWT, Secure Coding Practices

AI & Integrations: AI Concepts, API Integrations, Automation

Professional Experience

Java Backend Developer — Aiprus Software (Mar 2024 – Present)

• Developed and maintained backend applications using Java, Spring Boot, Microservices, and AWS.

• Engineered secure and optimized REST APIs serving Web, POS, Android, and iOS applications.

• Enhanced system reliability using structured API versioning and reusable component design.

• Implemented Splunk dashboards for real-time log monitoring, alerting, and troubleshooting.

• Integrated Twilio APIs for OTP and email workflows, improving authentication reliability.

• Handled AWS deployments across QA, Staging, and Production environments.

• Performed root-cause analysis and resolved performance bottlenecks in high-traffic APIs.

• Implemented OAuth2-based API security, global exception handling, and validation architecture.

• Collaborated in Agile scrum teams for sprint planning, delivery, and cross-team coordination.

• Worked with queue-based asynchronous processing systems for improved scalability.

• Contributed to CI/CD automation using Jenkins, build pipelines, and deployment optimization.

Project Experience

Project: Gong Cha — Global Bubble Tea Chain (Mar 2024 – Present)
Tech Stack: Spring Boot, Microservices, Kafka (queue systems), React.js, Node.js, AWS (EC2, S3, RDS, Elastic Beanstalk), Twilio, MySQL, Payment APIs (Apple Pay, PayPal, GIVEX), POS, CMS, Mobile & Web Apps

• Developed microservices powering POS, CMS, Mobile App, and Web Application ecosystems.

• Designed secure REST APIs supporting high-volume transaction flows across 1500+ stores globally.

• Integrated asynchronous components using queue-based architecture for improved system reliability.

• Implemented model validation, centralized exception handling, and standardized API responses.

• Developed reusable UI components in React.js for CMS and Web modules.

• Led deployments across QA, Staging, and Production environments using AWS services.

• Improved API response time and reliability through performance tuning and SQL query optimization.

• Coordinated with QA, DevOps, and product teams to ensure smooth production releases.

Education
MCA (Information Technology), IGDTUW Delhi — Tier I University

Certifications
• NPTEL – Programming in Java, Soft Skills Development

• HackerRank Certifications – Java, SQL, Problem Solving

• Full Stack Development – Devtown

• HackerRank 7-Star Coder

Extra-Curricular

Mentor — 'Desh Ke Mentor' initiative: Guided 10th–12th grade students in academic planning, career development, and skill-building while helping them define long-term academic pathways.

Personal Details

Languages: English, Hindi

Hobbies: Coding, Exploring Technologies, Cooking, Badminton, Yoga, Music

Professional Profiles:

LinkedIn: https://www.linkedin.com/in/surbhi-yadav-40953921b/

HackerRank: https://www.hackerrank.com/profile/surbhi_dsy