

Sarthak Mishra

Backend Developer | Java | Spring Boot | Microservices | MySQL | DSA (1000+ LeetCode Problems)

Delhi, India

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Experience

HP Enterprise (Forage) – Virtual Software Engineering Job Simulation

Dec 2025

- Completed a structured job simulation focused on real-world backend tasks.
- Created a proposal for a RESTful web service and planned endpoint structure.
- Built and tested a basic REST API with data handling and upload functionality.
- Practiced unit testing approaches similar to industry workflows.

Skills

Programming Languages : C++, Java , Python, JavaScript

Backend Development : Spring Boot, Spring Security, REST APIs, JWT, Microservices, Resilience4j

Cloud & DevOps: Familiar with Docker, AWS CDK, LocalStack

Message Brokers: Basic experience with Apache Kafka

Web Development : HTML, CSS

Database : MySQL

Version Control : Git, GitHub , Postman

Computer Science Fundamentals: Strong foundation in Data Structures & Algorithms, OS, DBMS, CN

Projects

Patient Management System (Cloud-Native Microservices) | Java, Spring Boot, gRPC, Kafka ,Docker, AWS CDK, PostgreSQL

[GitHub](#)

- Engineered 3 microservices (Patient, Billing, Analytics) for modular healthcare data management and scalability.
- Integrated gRPC and Kafka to enable 1000+ patient events with 70% faster inter-service communication.
- Built AWS CDK + LocalStack infrastructure with Docker for consistent containerized deployments.
- Secured APIs with JWT Auth Service + Gateway filter to protect patient data during access.

Hotel Rating System (Microservices Architecture) | Spring Boot, Spring Cloud (Eureka, API Gateway, Config Server), Feign Client, Resilience4j

[GitHub](#)

- Developed 3 microservices enabling real-time aggregation of 100+ hotel ratings.
- Implemented Eureka + API Gateway to auto-register services and route traffic across 30+ endpoints.
- Adopted Feign Client for inter-service calls, reducing boilerplate HTTP logic by 60%.
- Applied Resilience4j for 95% uptime during 500+ fault-tolerant test cases.

Social Media Backend | Java, Spring Boot, Spring Security, JWT, MySQL, REST APIs

[GitHub](#)

- Built 15+ REST APIs for posts, authentication, saves, personalized feeds, and interactions.
- Secured endpoints with JWT & Spring Security for fully protected authentication and data access.
- Managed 5+ entities using Spring Data JPA + MySQL with custom validation and exception handling.

Education

SGTB Khasla College, University of Delhi
Bachelor of Science in Computer Science - **CGPA of 9.09**

August 2023 - June 2026
Delhi, India

Scholastic Achievements

- Achieved **1st rank** in the college during the first year with a CGPA of **9.09**.
- Participated in **2 inter-college hackathons**, contributed to frontend development and contributed in team-based projects.