

# Saurabh Mishra

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## SUMMARY

Java Backend Developer skilled in building scalable microservices using Spring Boot, Spring Cloud, Kafka, PostgreSQL, and Docker. Experienced in designing production-style systems like e-commerce microservices, payroll, and library platforms. Strong in backend architecture, REST APIs, authentication, debugging, and Agile workflows. Passionate about clean code and solving real-world engineering problems.

## EDUCATION

<b>Pranveer Singh Institute of Technology</b> <i>Masters of Computer Application</i>	Kanpur, India 2023 – 2025
<b>Microtek College of Management and Technology</b> <i>Bachelor of Computer Applications</i>	Varanasi, India 2019 – 2022

## EXPERIENCE

<b>HulkHire Tech</b> <i>Java Developer Trainee</i>	Remote Jun 2025 – Aug 2025
<ul style="list-style-type: none"><li>– Worked in a 2-month Java Backend Trainee Program focused on Spring Boot and real-time project development.</li><li>– Hands-on experience with microservices, REST API design, JWT authentication, Redis caching, and secure API communication.</li><li>– Contributed to payment workflows, validation rules, RSA/HMAC-based security, and backend debugging.</li><li>– Participated in Agile ceremonies: daily stand-ups, sprint planning, demos, and code reviews.</li><li>– Improved SDLC understanding, debugging skills, and backend problem-solving using Java and PostgreSQL.</li></ul>	

## PROJECTS

<b>E-Commerce Microservices Backend</b>   <i>Java, Spring Boot, Spring Cloud, Kafka, PostgreSQL, JWT</i>
<ul style="list-style-type: none"><li>– Developed a production-like e-commerce backend with Auth, Product, Cart, Order, Payment, and Inventory microservices.</li><li>– Implemented JWT authentication, API Gateway routing, and Eureka service discovery.</li><li>– Integrated PostgreSQL and Kafka for event-driven communication.</li><li>– Designed REST APIs with layered architecture and independent deployability.</li></ul>
<b>Payroll Management System</b>   <i>Java, Spring Boot, MySQL</i>
<ul style="list-style-type: none"><li>– Implemented salary calculation, deductions, and monthly payroll generation.</li><li>– Developed REST APIs for employees, salary, and attendance modules.</li><li>– Used DTOs, validation, and global exception handling in a clean architecture.</li></ul>
<b>Library Management System</b>   <i>Java, Spring Boot, MySQL</i>
<ul style="list-style-type: none"><li>– Built backend APIs for book management, user handling, and inventory tracking.</li><li>– Designed relational schemas for books, users, and borrow history.</li><li>– Implemented controller-service-repository layered architecture.</li></ul>

## CERTIFICATIONS

Programming in Java — Infosys Springboard  
SQL (Basic) — HackerRank

## TECHNICAL SKILLS

**Languages:** Java, Python, SQL, PostgreSQL, JavaScript  
**Frameworks:** Spring Boot, Spring Cloud, React, FastAPI, JUnit  
**Developer Tools:** Git, Docker, Maven, IntelliJ, Eclipse, Postman  
**Cloud / Others:** Redis, Kafka, API Gateway, Eureka, Agile Scrum  
**Libraries / Utilities:** Lombok, Slf4J, Logback, Jackson, Gson