

# Divanshu Tiwari

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[GitHub](#) [Leetcode](#) [Codeforces](#)

## EDUCATION

**Bachelor of Technology - Computer Science: CGPA: 8.52,**  
GL Bajaj Group Of Institutions, Mathura [🔗](#) 2023 – 2027 | Mathura, India

## PROFESSIONAL EXPERIENCE

### Open Source Contributor

12/2024 – present

- Contribute to Java/Spring Boot open-source projects with bug fixes and feature enhancements.
- Participate in code reviews and technical discussions on distributed systems and backend architecture.

## SKILLS

- Languages:** Java (Certification by IIT Kharagpur), Python, SQL, JavaScript, HTML/CSS, C++.
- Frameworks/Libraries:** Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Spring Security, Spring AI, RESTful APIs, React, JUnit 5, Mockito.
- Microservices & Messaging:** Apache Kafka, Spring Cloud (Eureka, OpenFeign), API Gateway.
- Developer Tools:** Git, GitHub, Docker, VS Code, Postman, Swagger/OpenAPI, MongoDB Compass.
- Others:** MySQL, PostgreSQL, Maven, Data Structures and Algorithms, Full Stack Development, Operating Systems, Object-Oriented Design & Programming, Computer Networks, Database Management System, Design Patterns (MVC, Singleton), SOLID Principles.

## PROJECTS

**SmartFit – AI-Driven Fitness Recommendation Platform** 12/2025 – present  
(**Microservices**), Java | Spring Boot | Microservices | Kafka | OAuth 2.0 |  
Spring AI | MongoDB | JPA | SQL [🔗](#)

- Built microservices architecture with 5+ services achieving <200ms latency and handling 1000+ events/min.
- Secured REST APIs with OAuth 2.0/JWT and implemented AI-driven recommendations using Spring AI.
- Optimized database performance by 40% using JPA.

**CloudBean – Cloud-Based File Storage & Management System,** 11/2025  
Java | Spring Boot | JPA | SQL | REST APIs | React | File Management [🔗](#)

- Engineered a Full Stack file management system using Spring Boot and React for centralized data storage.
- Optimized search latency by implementing Spring Data JPA with custom indexing for large file directories.

**BookIt – Online Movie Ticket Booking Backend System,** Java | Spring  
Boot | REST APIs | JPA | Hibernate | SQL | Validation | Backend System [🔗](#) 10/2025

- Created backend system managing 50+ movies with 20+ REST APIs handling concurrent seat reservations.
- Designed normalized database schema with complex JPA relationships and implemented scheduled jobs for auto-cancellation.

## CERTIFICATIONS & ACHIEVEMENTS

**Amazon ML Challenge 2025:** Achieved AIR 115 among 6,000+ teams (Score: 46.761). [🔗](#)

**LeetCode:** Knight Badge (1859 Peak Rating) with Solved 720+ questions across multiple coding platforms. [🔗](#)

**CodeSumit 2.0:** Ranked 11th out of 618 participants (D.Y. Patil RAIT). [🔗](#)

**Codeforces:** Attained Max Pupil status with a peak rating of 1211. [🔗](#)

**Java Certification by IIT Kharagpur (NPTEL).**

Ranked within the Top 5 Coders at the college level for competitive programming.