


Divanshu Tiwari

 divanshutiwari2003@gmail.com  7906044534  Mathura, Uttar Pradesh  portfolio  LinkedIn

 GitHub  LeetCode  Codeforces

EDUCATION

Bachelor of Technology - Computer Science: CGPA: 8.52, 2023 – 2027 | Mathura, India
GL Bajaj Group Of Institutions, Mathura 

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 10/2025
Boot | REST APIs | JPA | Hibernate | SQL | Validation | Backend System 

- 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.**