

# Shubham Mishra

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Final-year B.Tech Information Technology student with hands-on experience in backend development using Spring Boot, Spring JPA, Redis, Kafka, and Microservices. Proficient in Spring Security, Mockito, and SQL. Passionate about building scalable and secure systems, with over 1000 DSA problems solved. Seeking backend/software engineer roles to contribute to robust and distributed architectures.

## WORK EXPERIENCE

### Java Developer Intern

02/2025 – 05/2025

#### PureEats | Kolkata, WestBengal

- Assisted the development team in optimizing existing Java-based backend code, resulting in improved performance.
- Enhanced code quality by refactoring modules, improving test coverage using **Mockito**, and adhering to best practices in design patterns and clean coding.
- Contributed in development and maintenance of **Spring Boot** microservices, ensuring modularity and scalability.
- Integrated **Redis** caching mechanisms to improve response times of frequently accessed APIs.
- Collaborated with senior engineers during code reviews, learning and applying enterprise-level software development standards.

## EDUCATION

Noida Institute of Engineering & Technology, Gr Noida

08/2022– Present

### Bachelor of Technology in Information Technology

Maharishi Vidya Mandir **Intermediate, Grade: 82.4%**

08/2020– 06/2021

Maharishi Vidya Mandir **Matriculation, Grade: 81%**

08/2018– 06/2019

## PROJECT

### Timetable Generator Web App

(09/2025 – 09/2025)

- Designed and developed** a role-based timetable management system **with Admin Login and Faculty Login**
- Enabled **Admin** to access all three features: **Generate Timetable, View Faculty Timetable, and Add Faculty**
- Restricted **Faculty** role to only viewing their own timetable securely via login credentials
- Built **Spring Boot REST APIs** for timetable generation, faculty timetable retrieval, and faculty management
- Integrated **MySQL database** with optimized queries for class, faculty, and lab scheduling
- Link- <https://github.com/0221ite154/TimetableGenerator>

### Digital Wallet

02/2025 – 04/2025

- Developed a secure and efficient E-Wallet application using Spring Boot, enabling seamless peer-to-peer and merchant transactions.
- Designed microservices architecture with Kafka for asynchronous communication, enhancing scalability
- Integrated Redis for caching transactions, reducing response time by 35%
- Implemented Spring Security to ensure secure access and role-based permissions
- Covered critical modules with unit tests using Mockito, achieving over 85% test coverage
- Link- <https://github.com/0221ite154/DigitalWallet>

## TECHNICAL SKILLS

- Languages & Core:** Java (Proficient), Data Structures & Algorithms (DSA), Object-Oriented Programming (OOP)
- Frameworks & Libraries:** Spring Boot, Spring Framework, Spring JPA, Spring Security, Mockito
- Web Technology:** HTML,CSS.
- Backend & Architecture:** Microservices, RESTful API Development, Kafka
- Database & Caching:** SQL, Redis, Hibernate, Database Integration
- Tools & Practices:** Git, GitHub, API Design, Software Design Patterns.

## ACHIEVEMENTS

- Successfully solved **600+ coding** questions on Leetcode (<http://leetcode.com/noida>)
- LeetCode: Achieved a global rank of 190 out of 31,670 participants in LeetCode Contest 161.
- LeetCode: Highest Contest rating 1765 | (Top 8% of 725k users)
- Cleared Coding (OA) Round of JPMorgan, Juspay, Autodesk, JTG,RazorPay and several other company.