

# Shubham Rawat

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## Career Objective

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Aspiring Java Full Stack Developer with hands-on experience in Spring Boot, REST APIs, MySQL, and scalable backend application development. Passionate about building efficient, secure, and maintainable software solutions.

## Education

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| <b>Lloyd Institute of Engineering &amp; Technology, Greater Noida</b> | 2024–2026    |
| Master of Computer Applications                                       | CGPA: 8.4/10 |
| <b>Govt College, Hisar (Haryana)</b>                                  | 2024         |
| Bachelor of Science                                                   | CGPA: 7.0/10 |
| <b>Holy Child Senior Secondary School, Hisar</b>                      | 2021         |
| Intermediate (Class XII)                                              | 99%          |
| <b>Holy Child Senior Secondary School, Hisar</b>                      | 2019         |
| High School (Class X)                                                 | 97%          |

## Projects

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### Git Collaborator Access Manager – Repository & Access Governance Platform

*Java, Spring Boot, PostgreSQL, Hibernate, Spring Data JPA,*

- Developed a GitHub crawler using Java 23 and Spring Boot 3 to scan repositories, discover collaborators, and synchronize access permissions.
- Built a secure offboarding engine with approval workflows for collaborator revocation through the GitHub REST API using Java HttpClient.
- Designed a normalized PostgreSQL database with Spring Data JPA and integrated Prisma ORM for frontend schema synchronization.
- Implemented HMAC-signed session tokens, Next.js middleware, role-based authorization, and protected REST endpoints.

### Smart Toll Collection Management System

*Java, Spring Boot, MySQL*

- Developed an RFID and OCR-based automated toll collection system.
- Built REST APIs for authentication, vehicle registration, wallet, toll, and transaction management.
- Designed a normalized MySQL database for vehicles, RFID tags, wallets, toll booths, and transactions.
- Implemented JWT authentication, BCrypt encryption, RBAC, and duplicate scan fraud detection.

## Technical Skills

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- **Languages:** Java, SQL, JavaScript, C
- **Backend:** Spring Boot, Spring MVC, Hibernate, JDBC, Spring Security, JWT, REST APIs
- **Frontend:** HTML5, CSS3, Bootstrap, Tailwind CSS, JavaScript
- **Database:** MySQL, Redis
- **Tools:** Git, GitHub, Maven, GitHub Actions, Postman, IntelliJ IDEA
- **Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms (DSA), Design Patterns, Lambda Expressions, DBMS

## Training & Certifications

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- Introduction to Programming – Anudip Foundation (Jan 2025)
- Advanced Java and Web Programming – Anudip Foundation (Dec 2025)
- Code Blaze – Coding Contest Participation