

# Priyank Sharma

## JAVA DEVELOPER

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### SUMMARY

Java Developer with hands-on experience building REST APIs, implementing JWT-based authentication, and working with Spring Boot across multiple projects. Started with Core Java and JDBC fundamentals and progressively worked up to Spring Security, Microservices, and Docker. Looking to join a team where I can contribute from day one and keep growing on the technical side.

### TECHNICAL SKILLS

|                         |                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Languages</b>        | : Java, JavaScript, SQL                                                                                                     |
| <b>Frameworks</b>       | : Spring Boot, Spring MVC, Spring Data JPA, Spring Security, Spring AOP, Hibernate, JWT, OAuth 2.0, JUnit, Mockito, ReactJS |
| <b>Databases</b>        | : MySQL, PostgreSQL, Oracle SQL, MongoDB                                                                                    |
| <b>Tools and DevOps</b> | : Git, GitHub, Docker, Maven, Postman, Swagger / OpenAPI, AWS EC2, AWS S3                                                   |
| <b>IDEs</b>             | : IntelliJ IDEA, Eclipse                                                                                                    |
| <b>Core Concepts</b>    | : OOP, SOLID Principles, REST API Design, Microservices, Design Patterns, DSA, LLD, Multithreading                          |

### PROJECTS

#### PayFlow - Digital Wallet REST API

March-May 2026

RESTful backend API for a digital wallet where users can register, create a wallet account, deposit, withdraw, and transfer funds. Built with Spring Boot 3.2 and PostgreSQL with a focus on clean, well-structured code.

- Kept request/response DTOs separate from JPA entities using MapStruct for compile-time mapping so the database structure and API contract can change independently.
- Wrapped fund transfers in `@Transactional` so debit and credit either both succeed or both roll back - money is never lost midway if anything fails.
- Centralised all exception handling in a single `@RestControllerAdvice` so every error returns the same structured JSON response across all endpoints.
- Added pagination on transaction history and validated all incoming requests using Bean Validation before they reach the service layer.

**Key Technologies:** Java 17, Spring Boot 3.2, Spring Data JPA, Hibernate, PostgreSQL 16, MapStruct, Lombok, JUnit 5, Mockito, Swagger / OpenAPI 3.0, Maven

#### Employee Management System - REST API

Feb - March 2022

Backend REST API for employee records, department assignments, and role management covering layered architecture, relational data modelling, and REST API design.

- Designed a normalised schema with one-to-many and many-to-many JPA relationships across Employees, Departments, and Roles, enforcing referential integrity and cascading operations.
- Built CRUD endpoints with pagination (20 records per page), sorting, and department-based filtering using Spring Data JPA Pageable.
- Enforced Bean Validation with a global exception handler and documented all endpoints with Swagger at `/swagger-ui`.

**Key Technologies:** Java, Spring Boot, Spring MVC, Spring Data JPA, Hibernate, Oracle SQL, Maven, Swagger, Postman

#### Library Management System - Java Web Application

Sept - Oct 2021

Java web application for library operations covering book inventory, member management, borrowing workflows, and automated fine calculation using Servlet, JSP, and JDBC.

- Designed a relational schema across Books, Members, Authors, Categories, and BorrowRecords in MySQL enforcing referential integrity across 5 related tables.

### INDUSTRY ORIENTED TRAINING

#### Full Stack Java Developer Training

July 2025 - March 2026

Test Yantra Software Solutions, Bengaluru

- Completed a structured path from Core Java and JDBC through to Spring Boot, Spring Security, Microservices, Docker, and AWS covering current industry expectations for Java development roles.

**Key Technologies:** Java, Spring Boot, Spring Security, JWT, OAuth 2.0, MySQL, PostgreSQL, Docker, Microservices, AWS, Git

### SKILL DEVELOPMENT

- **LeetCode:** [leetcode.com/Priyank7501](https://leetcode.com/Priyank7501)

- **Certification:** Master Java, Spring Boot, Microservices, Docker and AWS - Telusko / Navin Reddy, Udemy

### EDUCATION

#### Bachelor of Science - Computer Science

2022

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