Ripudaman Singh

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LinkedIn   —   GitHub   —   Portfolio

Professional Summary

Java Backend Developer with strong expertise in **Core Java, Spring Boot, REST APIs, JDBC, Hibernate, and MySQL**. Hands-on experience in developing applications using **Spring Data JPA, Spring Security, DAO architecture, and MVC pattern**. Skilled in writing clean, modular code and implementing real-world backend systems with Git and GitHub.

Technical Skills

- **Languages:** Java, SQL
- **Backend:** Spring Boot, REST APIs, JDBC
- **Frameworks:** Spring MVC, Hibernate, Spring Security
- **Database:** MySQL
- **ORM:** Spring Data JPA
- **Tools:** Git, GitHub, IntelliJ IDEA, Postman
- **Concepts:** OOP, Data Structures, DBMS

Projects

Online Banking Management System   *Spring Boot, Hibernate, MySQL*

- Built secure backend services for banking operations using Spring Boot.
- Developed REST APIs for fund transfer and transaction history.
- Implemented Spring Security with role-based authentication.
- Integrated Hibernate and Spring Data JPA with MySQL database.
- Applied transaction management and exception handling.
- Followed layered MVC architecture.

Smart Job Portal System   *Spring Boot, REST APIs, MySQL*

- Built backend application for job posting and recruitment management.
- Implemented JWT authentication and secure access control.
- Developed APIs for job seekers, recruiters, and admin modules.
- Integrated Spring Data JPA with MySQL database.
- Added search and pagination features.
- Performed API testing using Postman.

Payroll Management System   *Java, Swing, JDBC, MySQL*

- Developed desktop payroll system using Core Java and JDBC.
- Implemented DAO pattern for modular architecture.
- Integrated MySQL using PreparedStatement.
- Designed UI using Java Swing components.
- Enabled employee record management with CRUD features.
- Applied validation and optimized SQL queries.

Education

Bachelor of Technology – Computer Science Engineering
Shri Ramswaroop Memorial University, Lucknow
Expected Graduation: 2026

Leadership & Activities

- NCC Air Wing Cadet – Developed discipline and leadership skills.
- Volleyball Coordinator – Managed university-level events.