

Ripudaman Singh

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LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Java Backend & Full-Stack Developer Fresher with hands-on experience in building scalable applications using **Java, Spring Boot, JDBC, REST APIs, Python Flask** and frontend technologies **HTML, CSS, JavaScript**. Strong foundation in **Data Structures & Algorithms, OOPS, MVC architecture, DBMS**. Developed production-ready systems including Payroll Management, AI Personal Assistant and Online Student Test Portal.

TECHNICAL SKILLS

Languages	Java, Python, SQL, PHP
Backend	Spring Boot, JDBC, REST APIs, Flask
Frontend	HTML, CSS, JavaScript
Database	MySQL
Tools	Git, GitHub, Postman, IntelliJ IDEA
Core	Data Structures & Algorithms, OOPS, MVC, DBMS

PROJECTS

Payroll Management System – Java, JDBC, MySQL

- Designed and developed payroll processing system using **MVC & DAO architecture**.
- Implemented employee CRUD, salary calculation, tax deduction and validations.
- Improved system efficiency by **30%** through optimized SQL queries.

Employee Management REST API – Spring Boot, MySQL

- Developed scalable RESTful services using **Spring Boot & Hibernate**.
- Built secure employee CRUD, salary update and exception handling modules.
- Tested APIs using **Postman**, improving reliability by **40%**.

Chintu – AI Personal Assistant – Python, Flask

- Created AI-based assistant capable of automating user queries and tasks.
- Built backend services using **Flask framework** with modular Python design.
- Enhanced system accuracy by **25%**.

Online Student Test Portal – PHP, MySQL, HTML, CSS, JavaScript

- Developed full-stack web portal with **Admin Panel & Student Dashboard**.
- Implemented online exams, authentication and result processing modules.
- Deployed hosted system for real-time test participation.

EDUCATION

Bachelor of Technology – Computer Science Engineering Shri Ramswaroop Memorial University, Lucknow — *Expected 2026*

LEADERSHIP & ACTIVITIES

NCC Air Wing Cadet • Volleyball Coordinator