

Chirag Sood

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EDUCATION

Manav Rachna University	Faridabad, HR
<i>Bachelor of Technology in Computer Science: CGPA: 8.0</i>	<i>Aug 2024 – June 2028</i>
St.Columbus School	Faridabad, HR
<i>Senior Secondary Education (CBSE), Class XII: 83%</i>	<i>April 2024</i>
St.Columbus School	Faridabad, HR
<i>Secondary Education (CBSE), Class X: 85%</i>	<i>April 2022</i>

TECHNICAL SKILLS

Languages: Java, Python, C , R
Frontend Development: HTML, CSS , TailwindCSS, Thymeleaf
Backend Development: Spring Boot, , Spring MVC , Spring Security , Node.js, Express.js
Database: SQL (MySQL) , MongoDB, Spring Data JPA/JDBC ,Hibernate ORM
Developer Tools: Git, GitHub, Postman API , Maven
Soft Skills: Communication, Problem Solving, Time Management, Teamwork

PROJECTS

Student Directory Management System (Spring Boot)

- Built a REST-first Spring Boot application that lets admins **create, read, update, and delete** student records, with pagination, filtering, and global error handling.
- Leveraged **Spring Data JPA + MySQL** for persistence and exposed OpenAPI 3 docs via Swagger-UI for quick testing.
- Implemented **Excel import/export** using Apache POI, enabling bulk uploads of marksheets and offline backups.
- Added **role-based login** (Spring Security + JWT) and automatic email reports through Spring Mail when students fall below 40 %.

Book Catalog CLI Application (Core Java)

- Implemented a command-line tool in pure Java that lets users **add, search, update, and delete** book entries; persisted data in a local JSON file with the Gson library.
- Applied clean OOP design (Book, CatalogService, FileRepository) and custom exceptions for input validation.
- Achieved **100% JUnit 5 test coverage** for CRUD operations, ensuring reliability and easy refactoring.

Personal Finance Tracker (Java CLI)

- Built a console application that **imports CSV bank statements**, categorises transactions via regex rules, and aggregates monthly spend using Java 8 Streams.
- Exported detailed summary reports to Excel with **Apache POI**, enabling quick visual review of income vs. expenses.
- Logged anomalies with `java.util.logging` and reached **90% unit-test coverage** across service layers.

ACHIEVEMENTS

- Certified in “Java Programming” by Infosys Springboard
- Completed 50+ LeetCode problems in Java (DSA ongoing)