

Sagar Dixit

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Summary

Final-year Computer Science student with hands-on experience in full-stack development using Java, Spring Boot, Node.js, React, JavaScript, HTML, CSS, and PostgreSQL. Experienced in building RESTful APIs, developing scalable backend services, and creating responsive frontend interfaces. Strong knowledge of object-oriented programming, database management, and version control. A fast learner with strong problem-solving skills, focused on writing clean, maintainable, and production-ready code.

Skills

- **Programming Languages:** Java, C++
- **Frontend Technologies:** React JS, HTML5, CSS, JavaScript
- **Backend Technologies:** Spring Boot, JDBC, Servlets
- **Databases & Tools:** PostgreSQL, DBeaver, Postman
- **Version Control & IDEs:** Git, GitHub, VS Code, IntelliJ IDEA, Eclipse

Projects

Hospital Management System Jul 2025 – Aug 2025

- Built a full-stack Hospital Management System using Spring Boot, HTML, CSS, and JavaScript to manage patients, doctors, and appointments.
- Designed secure and scalable RESTful APIs integrated with PostgreSQL to handle patient records, scheduling, and hospital workflows.
- Optimized PostgreSQL database schemas for efficient CRUD operations, improved query performance, and ensured data consistency.
- Conducted extensive API testing using Postman to validate endpoints, authentication, payload handling, and error responses.
- Used IntelliJ IDEA and Git/GitHub for modular development, version control, and collaborative coding practices.

Library Management System Nov 2025 – Dec 2025

- Developed a Java-based Library Management System using core OOP principles such as classes, objects, inheritance, and encapsulation.
- Implemented features including book issue/return, member registration, search functionality, and fine calculation.
- Used Java Collections and JDBC/file handling for persistent data storage and reliable record management.

- Applied exception handling and input validation to improve system reliability and maintain clean, maintainable code.

Education

Guru Gobind Singh Indraprastha University	Sep 2022 – Aug 2026
B.Tech in Computer Science & Engineering	
GPA: 8.5	
Rawal Convent School	Apr 2021 – May 2022
Percentage: 86.2%	
JCM International School	Apr 2019 – Mar 2020
Percentage: 89%	

Certifications

- **Simplilearn – Core Java:** Gained proficiency in Java fundamentals, OOP concepts, exception handling, multithreading, and modular application development. Completed hands-on projects involving Java Collections, JDBC, and file handling. Developed and debugged Java programs using Eclipse and IntelliJ with clean coding practices.
- **Udemy – Java Spring Boot:** Completed practical training in Spring Boot with focus on REST API development, dependency injection, and backend services. Worked with Spring MVC, Spring Data JPA, and Hibernate to build CRUD-based applications and scalable backend systems.