

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 front-end 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 B.Tech in Computer Science & Engineering GPA: 8.5	Sep 2022 – Aug 2026
Rawal Convent School Percentage: 86.2%	Apr 2021 – May 2022
JCM International School Percentage: 89%	Apr 2019 – Mar 2020

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.