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**: Java, C++
- **Frontend**: React JS, HTML5, CSS, JavaScript
- **Backend**: Spring Boot, JDBC, Servelet
- **Database**: 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 for patient, doctor, and appointment management.
- Designed secure, scalable REST APIs and integrated them with PostgreSQL for handling 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, validating endpoints, authentication, payloads, and error handling for high system reliability.
- Utilized IntelliJ IDEA and Git/GitHub for clean, modular code, version control, and collaborative development practices.

Library Management System   **Nov 2025 - Dec 2025**
- Developed a Java-based Library Management System using OOP concepts including classes, objects, inheritance, and encapsulation.
- Implemented features such as book issue/return, member registration, search functionality, and fine calculation to simulate real library processes.
- Used Java Collections and JDBC/file handling for persistent data storage and accurate record management across sessions.
- Ensured code reliability with exception handling, input validation, and clean coding practices, resulting a maintainable system structure.

Education

Guru Gobind Singh Indraprastha University   **Sep 2022 - Aug 2026**
B.Tech, Computer Science & Engineering
- **GPA:** 8.5

Rawal Convent School   **Apr 2021 - May 2022**
- **GPA:** 86.2%

JCM International School   **Apr 2019 - Mar 2020**
- **GPA:** 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 to strengthen problem-solving and application-building skills. Developed and debugged Java programs in Eclipse/IntelliJ using clean coding standards and reusable components.
- **Udemy:**Java SpringBoot Completed practical training in Spring Boot, focusing on REST API development, dependency injection, and backend services. Worked with Spring MVC, Spring Data JPA, and Hibernate to build CRUD operations and database-driven applications. Created real-world Spring Boot projects with layered architecture, improving skills in data persistence and scalable backend development.