

NAGENDRA SINGH SISODIYA

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Professional Summary

B.Tech Computer Science student who genuinely enjoys backend development—especially working with Java and Spring Boot. Getting excited about solving tough problems and figuring out how things work under the hood drives my passion for technology. constantly exploring new technologies because truly enjoying learning and applying them in real-world projects. Seeking growth opportunities to contribute to impactful solutions with a team that values curiosity, clean architecture, and continuous improvement.

Education

Bachelor of Technology in Computer Science Engineering

JECRC University, Jaipur, Rajasthan

Expected Graduation: June 2026

CGPA: 8.57/10

Technical Skills

Programming Languages: Java, Python

Frameworks & Libraries: Spring Boot, Spring Security, Spring Data JPA, Hibernate, Django, Angular

Databases: MySQL, MongoDB

Development Tools: IntelliJ IDEA, Eclipse, Visual Studio Code, WebStorm, Postman, Maven, Docker

Version Control: Git, GitHub

Additional Technologies: JWT, OAuth2, RESTful API Development, Object-Oriented Programming

Projects

BookIt — Full-Stack Web Application

Java, Spring Boot, Angular, MySQL, Spring Security, JWT

- Developed comprehensive book management platform supporting library operations and delivery services with role-based access control, scaling to 1000+ concurrent users
- Built secure RESTful APIs with JWT authentication and automated email reminder service for book confirmations and notifications
- Designed responsive Angular frontend integrated with Spring Boot backend, showcasing full-stack proficiency
- Optimized MySQL database operations using Spring Data JPA, reducing query response time by 40%

Blog Web Application — Content Management Platform

Python, Django, HTML, CSS, JavaScript

- Built scalable blog platform with full CRUD functionality and user authentication system
- Implemented server-side pagination using Django views, improving page load times by 65% and user session duration by 40%
- Developed secure user registration, login, and profile management features with input validation
- Created responsive interface with modern CSS ensuring cross-browser compatibility

NutriScan — AI-Powered Nutrition Analyzer (In Development)

Java, Spring Boot, OCR, AI APIs, Angular

- Currently developing AI-driven platform for automatic grocery label analysis, implementing OCR technology to achieve 95%+ accuracy in nutritional data extraction
- Building modular Spring Boot backend architecture designed to handle thousands of simultaneous scans with target sub-2-second response times
- Creating accessible nutrition awareness tools aimed at helping underserved communities make informed food choices, with projected impact of 10,000+ users

Achievements

Achieved a score of 700+ on GeeksforGeeks by solving over 250+ Data Structures and Algorithms problems, ranking in top 15% and showcasing strong algorithmic abilities.

Academic Excellence: Consistently maintained high academic standing (CGPA: 8.5/10) with curriculum focused on software development and system design principles.

Earned MongoDB course certificate from GeeksforGeeks, demonstrating proficiency in NoSQL database design and operations.