

Ayush Yadav

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SUMMARY

MCA student and Java Developer with strong proficiency in Spring Boot, React, and MySQL. Passionate about building scalable full-stack applications and solving complex data structure problems.

[My Portfolio](#)

EDUCATION

2024 - present	MCA at AKTU, Lucknow	(GPA: 7.25/10.0)
2021 - 2024	Bachelor's Degree (BCA) at CCSU, Meerut	(GPA: 6.79/10.0)
2021	Class 12th State Board - 76.66 %	(Grades: A)
2019	Class 10th State Board - 80 %	(Grades: A)

SKILLS

Language:	Java (Core, OOP), SQL, C++
Back-end:	Spring Boot, Spring (Core, MVC), Hibernate, JPA, REST APIs
Front-end:	React, JavaScript (ES6+), HTML5, CSS3
Databases:	MySQL, PostgreSQL, MongoDB
Cloud & DevOps:	AWS (EC2, S3, RDS), Docker, Git
Tools:	Maven, Postman, IntelliJ IDEA, Git/GitHub
Others:	Data Structures, Algorithms, OOP Principles, Agile/Scrum, Problem-Solving

PROJECTS

Hospital Management System (Full Stack Project)

[Live Demo](#)

- Engineered a scalable full-stack application using Spring Boot and React to streamline hospital operations and patient record management.
- Implemented secure Role-Based Access Control (RBAC) using Spring Security to enforce granular permissions for Admins, Doctors, Nurses, and Receptionists.
- Designed efficient RESTful APIs to facilitate seamless communication between the React frontend and MySQL backend, ensuring real-time data updates.
- Developed automated billing and pharmacy inventory modules to reduce manual errors in invoice generation and stock tracking.

Voting Survey System (Full Stack Project)

[Git Repo](#)

- Developed a secure voting platform using Java (Spring Boot) and React, ensuring data integrity for large-scale surveys.
- Secured the application by implementing Spring Security with JSON Web Tokens (JWT) for stateless authentication and role management.
- Optimized the MySQL database schema and queries to handle high-volume voting data with minimal latency.

CERTIFICATIONS & TRAINING

Java Full Stack Developer Training

[JSpider Certificate](#) — Feb 2025 – Present

Java Technology & C++ Training

[IPEM College Certificate](#) — Apr 2023 – June 2023