

# Bhanu Yadav

## Java Backend Developer

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### SUMMARY

Innovative Java Backend Developer with proven experience designing and delivering scalable, secure, and high-performance applications using **Spring Boot, Spring Security, Hibernate, and MySQL**. Adept at architecting RESTful APIs, optimizing database interactions, and implementing enterprise-grade authentication. Skilled in modern deployment practices including **Docker** and **AWS**, with a passion for solving real-world problems through clean code, modular architecture, and efficient system design.

### SKILLS

**Backend** : Spring Boot, Spring Security, Hibernate, JPA, Microservices, Spring MVC, JDBC

**Languages** : Java, SQL, JavaScript

**Database** : MySQL, PostgreSQL

**DevOps & Tools**: Git, GitHub, Docker, Swagger, Postman, Maven, Apache Tomcat.

**Testing** : JUnit

**Frontend** : HTML5, CSS3, Bootstrap, React.js (basic)

**Other**: REST API Development, JWT Authentication

### WORK EXPERIENCE

#### Java Developer Intern - Oasis Infobyte

(Jan 2025 - Feb 2025)

- Built interactive **JavaFX** UIs and integrated Hibernate, reducing DB query time by 20%.
- Delivered scalable software modules following SOLID principles, improving maintainability

#### Backend Developer Intern, Bharat Intern

(March 2024 - May 2024)

- Developed RESTful APIs with Spring Boot & Hibernate, improving API response time by 30%.
- Collaborated on server-side logic and deployment workflows, ensuring 99% uptime.

### EDUCATION

**COER University, Roorkee, India** - Bachelor of Technology (B.Tech)

Computer Science and Engineering

(2022 – Present)

**SH. SN. Sidheshwar Public School, Gurgaon, India**

Class XII (CBSE), PCM with Computer Science

(May 2021 - Jul 2022)

### PROJECTS

#### Smart Contact Manager (Java, Spring Boot, Spring Security, Hibernate, MySQL, Thymeleaf)

- Designed and deployed a role-based contact management system with JWT authentication and encrypted password storage, ensuring secure data access.
- Developed and optimized core business modules using Spring Boot, Spring MVC, Hibernate, and JPA, enhancing system scalability, performance, and modular architecture.

#### Smart Attendance Manager (Java, Spring Boot, Spring Security, MySQL, React.js)

- Engineered a real-time attendance tracking system with QR code-based check-ins and secure API endpoints.
- Implemented automated attendance summaries and analytics dashboards, reducing manual processing time by 80%.
- Orchestrated RESTful APIs with Apache Camel for synchronized data exchange across microservices in a school/enterprise ecosystem.

#### Full-Stack Employee Management & Payroll System (Java, Spring Boot, React.js, Spring Security, Hibernate, MySQL,)

- Architected a microservices-based payroll and HR management platform, handling employee onboarding, salary computation, and tax calculations.
- Integrated multi-role access control with Spring Security and JWT for secure, granular permissions.
- Enabled high-throughput payroll generation using batch processing and asynchronous service communication, improving processing speed by 60%.