

Saurabh Rawat

Java Backend Developer

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Summary

Entry-level Java Backend Developer with hands-on experience building RESTful APIs using Spring Boot, Hibernate, and MongoDB/MySQL. Familiar with Spring Security, authentication concepts, and layered architecture. Focused on writing clean, maintainable backend code and continuously improving system design and database skills. Seeking internship or entry-level opportunities in backend development.

Skills

Languages: Java, C++

Frameworks: Spring Boot, Spring Security, Hibernate, Servlet API

Databases: MongoDB, MySQL

Backend Development: REST APIs, CRUD operations, MVC architecture, Exception Handling

Security: Authentication, authorization, role-based access control, password encryption, CORS

DevOps & Tools: Docker (basic), Maven, Git, GitHub, Apache Tomcat

Development Tools: IntelliJ IDEA, Eclipse

Projects

JobZygo - Full-Stack Job Portal Platform | Spring Boot, MongoDB, Next.js, TypeScript

- Developed RESTful APIs for user management, job postings, and job applications using Spring Boot, enabling reliable communication between frontend and backend.
- Implemented role-based authentication and authorization with Spring Security to separate candidate and employer workflows and secure sensitive operations.
- Designed optimized MongoDB schemas with indexing to improve query performance and search efficiency for job and user data.
- Applied layered architecture (controller, service, repository) to enhance scalability, maintainability, and testability of backend components.
- Implemented centralized exception handling and request validation to improve API reliability and reduce runtime errors caused by invalid input.
- Secured endpoints with password encryption and CORS configuration to protect credentials and control cross-origin access.
- Managed the codebase using Git and GitHub with structured commit practices and feature branches.

Journal App - Personal Journaling Platform | Java, Spring Boot, Hibernate, MongoDB

- Built REST APIs for creating, updating, retrieving, and deleting journal entries with timestamps using Spring Boot controllers and services.
- Integrated Hibernate ORM for entity mapping and schema management, ensuring consistent persistence for relational entities.
- Optimized MongoDB queries for efficient document retrieval by user and date range, improving response times for journal views.
- Deployed backend services on Apache Tomcat and verified endpoint mappings to ensure stable runtime behaviour.
- Managed dependencies and build lifecycle using Maven, enabling reproducible builds and straightforward deployment.
- Followed Git-based version control with feature branching and conflict resolution to maintain a clean, organized repository.

Education

Krishna Engineering College, Ghaziabad, Uttar Pradesh

Bachelor of Technology (B.Tech) – Computer Science and Engineering (AI & ML)

2021 – 2025

CGPA: 6.1