DAKHIN TUDU

Java Spring Boot Developer

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PROFILE SUMMARY

Java Spring Boot Developer with hands-on experience in building scalable REST APIs and microservices. Proficient in Java, Spring Boot, Spring Data JPA, and MySQL/PostgreSQL. Skilled in optimizing backend performance and building scalable distributed systems.

EXPERIENCE

Java Spring Boot Developer Trainee/Intern | Tatwa Technologies | Bhubaneswar   Sep 2025 – Present

  Developer Trainee   Dec 2025 – Present
- Developing microservices for the Litigation Management System (orrisalms.in) using Spring Boot and PgSQL.
- Migrated legacy data to the new database design using a Spring Boot **ETL** pipeline.
- Optimized Redis caching to maintain <100 ms API responses and reduce DB load by 50%+.
- Strengthened RBAC security, JWT handling, and multi-role access flows.
- Improved service reliability with Eureka, API Gateway, and fault-tolerant routing.
- Enhanced schema design and query performance for high-concurrency operations.

  Developer Intern   Sep 2025 – Dec 2025
- Supported migration of legacy modules into Spring Boot microservices.
- Assisted with API development, caching setup, authentication flow, and data preparation.

Java Full Stack Developer Intern | Qspiders   Jan 2025 - Sep 2025
- Hands-on training in Java, J2EE, Hibernate, MySQL, Spring Boot
- Built full-stack projects using MVC architecture, REST API development, and database integration.
- **Tools used:** Git, Maven, Tomcat, Eclipse, VS Code, Postman

PROJECTS

1. Mini-Redis (Custom In-Memory Data Store / Cache System) ⧉
- Built an in-memory key–value store with SET/GET/DELETE operations.
- Enabled automatic TTL-based eviction with background cleanup.
- Achieved thread-safe concurrent access, supporting multiple parallel cache operations without conflicts.
- Published as a reusable JitPack library, simplifying integration across Java/Spring Boot applications.
- Integrated in a demo backend app, showing 30–50% faster response times compared to DB-only access.

2. Litigation Management System (Microservices) ⧉
- Built a microservices-based Litigation Management System using Spring Boot, reducing case processing time by ~30% through workflow automation.
- Designed and exposed RESTful APIs, enabling seamless integration across 3+ core services.
- Implemented role-based authentication and centralized error handling, improving system reliability and reducing security incidents by 20%.

EDUCATION

B.Tech in Computer Science & Engineering   **2021-2025**

Hi-Tech Institute of Technology, Bhubaneswar   CGPA: 8.34

SKILLS

Programming Languages: Java, C

Web Technologies: HTML, CSS, JavaScript (basics)

Backend : Spring Boot, Hibernate, Spring Data JPA, Spring Security, RESTful APIs, Microservices, J2EE

Databases: MySQL, PostgreSQL

Tools & Platforms: Maven, Apache Tomcat, Lombok, Postman, Swagger, Git, GitHub, Docker

Core Java Concepts: OOP, Collections, Exception Handling, JDBC, Multithreading, Java 8 Features

Integration & Distributed Systems: Eureka Server, Spring Cloud Gateway, Redis

Package Distribution: JitPack Library Publishing