

SANDEEP BIRLA

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PROFESSIONAL SUMMARY

Detail-oriented Java Developer with 2.7+ years of experience in building scalable applications using Java, Spring Boot, and Hibernate. Skilled in developing RESTful APIs, working with MySQL and implementing Microservice-based architectures. Proficient in Agile development and CI/CD practices, with a focus on delivering secure, efficient, and high-quality software solutions.

TECHNICAL SKILLS

- **Languages:** Java, C++
 - **Database:** MySQL and Redis.
 - **Testing Frameworks:** Mockito, Test Harness, TestNG.
 - **Tools & Framework:** Spring Boot, Security, Hibernate, Microservice, RESTful APIs, Postman, Swagger, Docker
 - **Build tools:** Maven & Gradle.
 - **CI/CD Tools:** Git, Bitbucket.
 - **Queue System:** Apache Kafka.
 - **Other Skills:** AWS (EC2, CloudWatch, S3), Jira, Selenium, Rest Assured.
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WORK EXPERIENCE

Software Engineer, CodeTech InfoSystem Private Ltd | Hyderabad JUN 2025 - Current

- Designed and developed RESTful microservices using Java 11, Spring Boot.
- Implemented authentication and authorization with Spring Security and JWT for secure data access.
- Optimized SQL and JPA queries, reducing query execution time by 30%.
- Wrote unit and integration tests with JUnit and Mockito to ensure reliability.
- Collaborated in agile sprints, performing code reviews and contributing to architecture discussions.

Java Engineer, Lise InfoTech Private Ltd | Indore Dec 2023 - March 2025

- Created scalable solutions using Java, Spring Boot, and Microservices architecture.
- Developed RESTful APIs with cloud integration and implemented CI/CD pipelines.
- Optimize database queries and manage relational databases like MySQL.
- Write clean, maintainable, and efficient code following industry best practices.

Jr. Java Developer, ByteCipher Private Ltd | Indore Dec 2022 - Nov 2023

- Developed and managed Java web application using spring boot and hibernate.
 - Utilized MySQL for efficient data handling and database management.
 - Designed and executed unit and API tests with Mockito to ensure application reliability.
 - Collaborated effectively within teams to drive project success and meet deadlines.
 - Deployed code to Tomcat servers, ensuring smooth application deployment and performance.
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MAJOR PROJECTS

RiskOps AI: - A comprehensive cyber risk and compliance management platform that helps organizations assess, monitor, and mitigate cybersecurity risks through automated assessments, policy management, and real-time analytics. The platform is built on a microservices architecture with secure REST APIs, enabling modular scalability and integration with third-party systems.

Roles and responsibilities: -

- Developed and maintained microservices using Java, Spring Boot, ensuring scalability and modularity.
- Implemented inter-service communication using Feign Client and Rest Template for efficient data exchange between microservices.
- Designed and optimized MySQL database schemas, queries, and transactions for improved performance.
- Used Flyway for automated database versioning and migration, ensuring consistent schema updates across environments.
- Created reusable service components and utility classes to reduce code duplication and improve maintainability.
- Implemented exception handling, logging, and validation frameworks for robust and error-free API behavior.
- Wrote Mockito test cases to ensure high-quality, reliable, and test-driven development.

TMS Portal (SaaS-based Multi-Tenant Platform): - A scalable and secure SaaS platform that allows organizations to manage employee timesheets, task assignments, and project tracking. The system supports multi-tenancy, ensuring isolated and secure data for each customer. Integrated with Slack bot, reporting tools, and subscription billing to streamline time-tracking and reporting workflows.

Roles and responsibilities: -

- Designed and developed RESTful APIs using Java, Spring Boot, and Hibernate to manage users, tasks, projects, and timesheet workflows.
- Implemented tenant-based data isolation and security across customer organizations, ensuring data privacy and compliance.
- Integrated Slack chatbot to allow users to submit timesheets, receive reminders, and view assigned tasks directly via chat.
- Built a reporting module with graphical and tabular reports using Jasper Reports; enabled PDF export and email sharing features.
- Enabled dynamic plan assignment, invoice generation, and payment handling within the portal.

Healthcare: - I developed RESTful APIs for a healthcare management system, enabling functionalities such as creating and managing doctor, patient, and staff records. The system handled patient-doctor appointments, scheduled doctor slots, booked appointments, and facilitated chat between doctors and patients. I also implemented features for managing leave schedules, generating prescriptions, and tracking patients' previous visits.

Roles and responsibilities: -

- Development: Developed applications using Core and Advanced Java with IntelliJ IDE.
- Build Management: Managed builds with Maven.
- Web Frameworks: Implemented web solutions using Spring Boot, Spring Security, and Spring REST.
- Database Integration: Utilized Hibernate and JPA for database connectivity with MySQL.
- Testing: Created and executed tests with Mockito.
- Messaging: Integrated message queues with Apache Kafka.
- API Documentation: Documented APIs using Swagger/OpenAPI.
- Additional Tools: Used Lombok for boilerplate code reduction and Docker for containerization.
- Version Control: Managed source code with Git.

EDUCATION

Master of Computer Application**JULY 2023 - JUN 2025**

Patel College of Science & Technology, Indore (M.P.)

Bachelor of Computer Science (CS)**JUN 2019 - AUG 2022**

Maharaja Ranjit Singh College of Professional Science, Indore (M.P.)