

# SUDIP BISWAS

SOFTWARE ENGINEER

## CONTACT



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## RELEVANT SKILLS

- CORE JAVA8
- SPRING BOOT
- HIBERNATEJPA/ORM
- RESTFUL API
- SPRING SECURITY
- SPRING VALIDATION
- JWT TOKEN
- MICROSERVICES
- AWS
- GIT & GITHUB

## EDUCATION

COMPLETED BTECH FROM BPUT  
UNIVERSITY

## AWARDS

- EMPLOYEE OF THE MONTH
- LEADERSHIP AWARD
- BEST PERFORMER AWARD

## JAVA TOOL EXPERTISE

- STS
- IntelliJ IDEA
- Eclipse
- Postman
- MYSQL workbench
- VS Code

## PROFESSIONAL SUMMARY:

I am a skilled Java developer with the aim of enhancing my expertise and becoming a respected professional in the field. With **2.4 years** of work experience, I've made valuable contributions to various projects and gained proficiency in a wide range of Java technologies. I have a strong grasp of **Spring Boot, Hibernate JPA/ORM, Webservices, Microservices, AWS, RESTful APIs, Core Java, Java 8** and more. My dedication is to provide top-quality software solutions by leveraging my expertise in these technologies.

## TECHNICAL PROFICIENCIES:

- Developed and implemented Java-based solutions using **Spring Boot, Hibernate ORM/JPA** and **Microservices** architecture.
- Use **Junit** to carry out unit testing.
- Designed and developed **RESTful APIs** for seamless integration with frontend applications.
- Tested and validated **APIs** using Postman to ensure their functionality and adherence to specifications.
- Sound understanding of **Java 8** features for enhanced development.
- Utilized **JIRA** for issue tracking, project management, and agile development.
- Implemented **exception** handling and error logging to improve application stability and debugging.
- Implemented **pagination** for efficient data retrieval and display.
- Fixed **bugs** and issues reported by QA testers, ensuring smooth operation of the software.
- Utilized Spring **Validation** for form validation, ensuring data integrity and user input validation.
- Implemented secure authentication and authorization processes using **JWT token**.
- Experienced in GIT version control and collaboration using **GitHub**.
- Application development using the **agile scrum** process.
- Development of Spring Boot **controller** layer with **view** and **backend business** logic.
- Proficient in Java/J2EE for enterprise application development.
- Developed **DTO** layer.
- Configuring **application properties** file.
- In-depth knowledge of the Spring Boot framework.
- Development of entity class with **encapsulation** concept and service layer with **abstract** concept.
- Skilled in crafting efficient JPQL queries for database operations.
- Knowledge of **SQL, Servlet** and **JDBC**.

## **Ryanair | Online Reservation System | 2.4 years | Current Employee: Infotel India Pvt Ltd**

### **Professional Tasks:**

- Developed and maintained scalable and high-performance backend systems for the Ryanair Online Reservation System using Java, Spring Boot, and Hibernate JPA/ORM.
- Integrated external APIs using API integration techniques to enhance system functionality.
- Applied object-oriented programming (OOPs) concepts extensively throughout the project, ensuring clean and maintainable code.
- Utilized Spring Data JPA and Hibernate ORM for efficient data access and persistence operations.
- Implemented the Spring Security module to enhance the security of API endpoints by establishing reliable authentication and authorization mechanisms.
- Designed and developed an enterprise-level blog management system utilizing Java/J2EE technologies.
- Implemented pagination techniques to efficiently handle large data sets, optimizing overall application performance.
- Implemented Spring Validation to ensure data integrity and improve the handling of user input.
- Utilized JWT tokens for secure session management and authentication, reinforcing robust security measures.
- Collaborated closely with QA teams to support testing efforts, ensuring high-quality software delivery.
- Implemented comprehensive unit tests using JUnit and Postman to ensure robust and reliable code.
- Deployed the application on AWS, leveraging its services to facilitate deployment in the QA environment.
- Utilized Git & GitHub for effective collaboration and version control management among team members.
- Conducted debugging and troubleshooting of code to identify and resolve defects promptly.
- Effectively handled exceptions to ensure the stability and resilience of the system.
- Leveraged Spring Profiles for seamless deployment of the application across different platforms.
- Implemented a microservices architecture to enhance scalability and modularity.
- Configured application properties files for seamless customization and environment-specific configurations.
- Integrated Email APIs, Payment Gateway Sandbox accounts, and SMS services using third-party API integrations.
- Leveraged Java 8 features, collections, and Lombok to minimize boilerplate code and enhance code readability.