

RAHUL DUTTA

JAVA DEVELOPER

Career Profile

I aim to utilize my proficiency in Java, Spring Boot, Hibernate, RESTful web services, and API development to create scalable, high-quality software solutions. With a strong focus on implementing microservices architecture, I strive to enhance system performance and contribute to project success. Seeking a collaborative and dynamic environment that encourages skill growth and innovation.

Experience

Technical Expertise

- Programming Languages:** Excel in **Core Java 8** and utilize it as the primary language for developing robust and efficient applications.
- Spring Frameworks:** Master **Spring Boot, Spring MVC, Spring Data JPA, Spring Security** to build scalable, secure, and highly performant applications.
- Hibernate:** Acquire expertise in **ORM ,HQL, entity mapping, and caching** to ensure efficient and optimized database operations.
- Web Technologies:** Develop **RESTful APIs** and effectively handle JSON data to enable seamless communication between client and server applications.
- Database Systems:** Gain proficiency in working with **MySQL** and **Oracle database**.
- Testing:** Utilize **JUnit** for comprehensive and reliable unit testing to ensure the quality and stability of the developed software.
- Version Control:** Utilize **Git** as a version control system to effectively manage source code, track changes, and collaborate with other developers.
- Build Tools:** Employ **Maven** as a build automation tool to streamline the build process manage dependencies, and enhance project efficiency.
- Deployment:** Utilize **AWS (Amazon Web Services)** for deploying applications, ensuring scalability, high availability, and efficient resource management.
- IDEs and Development Tools:** Proficiently use popular IDEs such as **Eclipse, IntelliJ IDEA, and STS** to enhance productivity and streamline the development workflow.
- Agile Development:** Adapt to **Agile methodologies**, particularly the **Scrum process** .
- Security:** Implement **JWT (JSON Web Token)** for secure authentication and authorization, ensuring data confidentiality and integrity in applications.
- Third-Party API Integration:** Integrate various third-party APIs, such as **payment gateways, SMS services, WhatsApp, OTP** etc to enhance the functionality and features of applications.
- Microservices:** Employ **Spring Cloud API Gateway and Eureka Servers** to design develop, and deploy scalable and loosely coupled microservices architectures.

Reach me



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Education

B.tech in Computer Science

West Bengal University of Technology
2016-2020

IT Skills

- Core Java
- Advance Java
- SpringBoot
- Hibernate
- Rest API
- MicroServices

Projects

.Develop Backend Using API For Costa Cruises .

.Develop Backend Using API For Delta Air Lines .

Achievements

- Developed and implemented robust and scalable applications using Spring Boot and Hibernate frameworks, contributing to the successful delivery of multiple projects.
- Designed and optimized database schemas and queries, resulting in improved application performance and responsiveness.
- testing, and maintenance, resulting in reduced bug count and enhanced system stability.

Professional Expertise

1. **Spring Boot:** Develop and maintain **Spring Boot** applications to build efficient and scalable backend systems for various services, such as cruise &flight management, booking, and customer support.
2. **Hibernate JPA:** Use **Hibernate JPA** to handle object-relational mapping and interact with the database systems. Design and implement entity mappings, database schema changes, and optimize query performance in Costa Cruises &Delta Air Lines.
3. **API Development:** Build and maintain **RESTful APIs** to enable seamless communication between different systems and services within Costa Cruises &Delta Air Lines.
4. **Spring Security:** Implement **Spring Security** to ensure secure access and protect sensitive information within Costa Cruises' &Delta Air Lines applications. Configure authentication and authorization mechanisms, handle user roles and permissions, and integrate with external identity providers.
5. **Java 8:** Utilize **Java 8** features and libraries to develop robust and efficient code for various cruise functionalities in Costa Cruises &Delta Air Lines.
6. **AWS:** Deploy and manage applications on the **AWS cloud platform**. Utilize **AWS services such as EC2, S3, RDS, and Elastic Beanstalk** to ensure scalability, high availability, and cost-effectiveness in Costa Cruises &Delta Air Lines.
7. **JWT Token:** Implement **JWT (JSON Web Token) authentication and authorization mechanisms** to secure Costa Cruises applications and services in Costa Cruises &Delta Air Lines.
8. **Microservices:** Design, develop, and maintain microservices-based architectures using **Spring Cloud API Gateway and Eureka Servers**.
9. **Git:** Utilize **Git** as the version control system to manage source code, collaborate with other developers, and ensure proper code branching, merging, and release management in Costa Cruises &Delta AIR Lines.
10. **Testing:** Write unit tests using **JUnit** to ensure the reliability and correctness of the developed software in Costa Cruises &Delta Air Lines.
11. **Collaboration and Communication:** Actively participate in **agile development processes**, such as **Scrum**, by attending daily stand-ups, sprint planning, and retrospective meetings in Costa Cruises & Delta Air Lines.

Declaration

I affirm my 3.0 years of experience as a Java Developer, demonstrating expertise in Java programming, software development, and problem-solving. Committed, skilled, and enthusiastic to contribute to impactful projects.