RAHUL DUTTA

JAVA DEVELOPER

Reach me

📞
9330953901

✉
dutta15121996@gmail.com

in
linkedin.com/in/rahul-dutta-399132156

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Bangalore, Karnataka, India

Education

B.tech in West Bengal University of Technology 2016-2020

IT Skills

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

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

1.**Programming Languages**: Excel in **Core Java 8** and utilize it as the primary language for developing robust and efficient applications.

2. **Spring Frameworks**: Master **Spring Boot, Spring MVC, Spring Data JPA, Spring Security** to build scalable, secure, and highly performant applications.

3. **Hibernate:** Acquire expertise in **ORM ,HQL, entity mapping, and caching** to ensure efficient and optimized database operations.

4. **Web Technologies:** Develop **RESTful APIs** and effectively handle JSON data to enable seamless communication between client and server applications.

5. **Database Systems:** Gain proficiency in working with **MySQ**L and **Oracle database.**

6. **Testing**: Utilize **JUnit** for comprehensive and reliable unit testing to ensure the quality and stability of the developed software.

7. **Version Control:** Utilize **Git** as a version control system to effectively manage source code, track changes, and collaborate with other developers.

8. **Build Tools**: Employ **Maven** as a build automation tool to streamline the build process manage dependencies, and enhance project efficiency.

9. **Deployment**: Utilize **AWS (Amazon Web Services)** for deploying applications, ensuring scalability, high availability, and efficient resource management.

10. **IDEs and Development Tools**: Proficiently use popular IDEs such as **Eclipse, IntelliJ IDEA, and STS** to enhance productivity and streamline the development workflow.

11. **Agile Development**: Adapt to **Agile methodologies**, particularly the **Scrum process** .

12.**Security**: Implement **JWT (JSON Web Token)** for secure authentication and authorization, ensuring data confidentiality and integrity in applications.

13. **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.

14. **Microservices:** Employ **Spring Cloud API Gateway and Eureka Servers** to design develop, and deploy scalable and loosely coupled microservices architectures.

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 2.5 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.