

Gaurav Singh

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Career Summary:

Experienced Back-End Developer with **2.1 years in Java, Spring, Microservices**, and Agile methodologies. Proven track record in delivering high-quality software. Proficient in Java, JDBC, J2EE, Hibernate, and **RESTful web services**. Immediate availability and eager to contribute to innovative projects. Ready to make a meaningful impact on your team.

Technical Proficiencies:

Java Developer | Total Experience: 2.1 Years

- Programming Languages: **Java (JDK 8 and above)**
- Java Development Frameworks: **Spring, Spring Boot, Hibernate, JPA, Spring Batch**
- API & Microservices: **REST API, Microservice architecture**
- Relational Databases: Proficient in writing complex SQL.
- Web Technologies: **JSP, Spring MVC, Web Services (REST)**
- Version Control: **Git, Maven**
- Testing: **JUnit**
- Cloud Services: **AWS**
- Object-Oriented Design: **Proficient in OOPs concepts**
- Security: **Spring Security, JWT token**
- Others: **Servlets, Stream API, API integration**

Work History:

Java Developer | [Inquipo Technologies Pvt Ltd]

- Designed and developed business logic using Java (Java 8 and above), Spring, Spring Boot, and Microservices to connect frontend and backend systems.
- Implemented REST-based microservices using Spring Boot, facilitating efficient communication between different components.
- Managed Java and Java EE application development, ensuring high-quality code and adherence to best practices.
- Collaborated with cross-functional teams, following Agile and Scrum methodologies for project management.
- Utilized AWS services for scalable and reliable deployments.
- Demonstrated expertise in writing complex SQL queries to interact with relational databases.
- Mentored junior developers on advanced Java concepts and problem-solving techniques.

Project Highlights:

Project: Coach USA Travel Platform

Role: Back End Developer | Duration: [1.3 years] | Team-member = 7

Project Overview: During my tenure at Coach USA, I had the privilege of contributing significantly to the enhancement of the Coach USA Travel Platform. This ambitious project aimed to revamp and modernize the platform, making it more user-friendly and feature rich. Leveraging Agile methodologies for project management, I played a crucial role in developing and implementing various modules and features.

Key Contributions and Achievements:

- **Agile Methodology:** Collaborated in Agile teams to develop and refine modules such as "Add Flight," "Add Bus," "Search Flight," "Search Bus," "Sign In," "Sign Up," "Customer Blog," and "Nearby Places to Visit."
- **MVC Architecture:** Implemented an efficient MVC (Model-View-Controller) architecture to ensure modularity and maintainability of the software.
- **Spring Framework:** Developed Rest Controllers, services, and service implementations while incorporating Spring Security and JWT token authentication for robust data handling.
- **Bug Identification and Resolution:** Proactively identified and addressed software bugs to maintain a stable and error-free application.
- **Spring Validation:** Implemented Spring validation mechanisms to validate user inputs, ensuring data integrity.
- **Configuration Management:** Fine-tuned system behavior by configuring application properties files for enhanced flexibility.
- **Integration of SMS and Payment Gateway:** Seamlessly integrated SMS notifications and payment gateways for improved communication and transaction capabilities.
- **AWS Deployment:** Successfully deployed the application on AWS to ensure scalability and reliability.
- **Spring Profiles:** Efficiently managed different application configurations using Spring profiles.
- **Model Mapper:** Employed Model Mapper for streamlined data mapping and transformation.

- Report Generation: Implemented versatile report generation capabilities in various formats (CSV, PDF, Excel) to support data analysis and reporting.
- Pagination: Incorporated pagination features to efficiently manage large data sets.
- Hibernate Mapping: Utilized Hibernate for seamless object-relational mapping to the database.
- Java 8 Features: Leveraged Java 8 features to write efficient and modern code.
- Email Services Integration: Integrated email services for effective user communication and enhanced user experience.

Core Strengths:

Java (JDK 8+), Spring, Spring Boot, Hibernate, JPA, Spring Batch, REST API, Microservices, SQL, JSP, Spring MVC, Git, JUnit, AWS, OOPs Concepts, Spring Security, JWT, Servlets, Stream API, Agile/Scrum, Config Management, SMS/Payment Integration, Spring Profiles, Model Mapper, Reports (CSV, PDF, Excel), Pagination, Hibernate Mapping, Java 8, Email Integration.

EDUCATION:

Nitte Meenakshi Institute of Technology

Bangalore, Karnataka

BACHELOR OF ENGINEERING

Declaration:

I hereby declare that the information provided in this resume is accurate and true to the best of my knowledge.