



Ramesh Yadav

JAVA DEVELOPER

CONTACT INFORMATION

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 1st stage, Btm Layout,
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TECHNICAL KNOWLEDGE

- Program Language: **Java(Core Java, Java 8) HTML.**
- Tools and IDEs: (**IntelliJ, Eclipse, STS, Mantis) Git & GitHub.**
- Databases: **MySQL, MongoDB.**
- Framework: **Spring boot, Spring Hibernate, Restfull, webservices, microservices, JPQL.**
- Testing: **JUnit ,Mockito, Postman** for API testing.
- Security: **Security frameworks, Spring Security, JWT Token, Password encoding techniques.**
- Cloud and Integration: **AWS, Elastic Beanstalk, AWS Lambda, Putty and API integration.**
- Server: **Apache Tomcat, Linux.**
- **Docker, Kubernete, jenkins.**
- **Apache Kafka**

CAREER HIGHLIGHTS

- Accomplished Software Developer with 3 years of experience in Java development, specializing in secure, high-performance applications. Expert in bug fixing, client support, and Python script integration in Linux environments. Proven leader in high-profile projects, including developing and implementing modules in a travel domain project (user registration, passenger details, flight, and check-in). Skilled in JWT authentication for enhanced security and seamless URL access. Adept at integrating third-party APIs to expand functionality. Experienced in the full software development lifecycle, including rigorous testing and deployment on Apache Tomcat servers. Known for delivering robust, error-free applications and exceptional client support.

CAREER EXPERIENCE

Java Developer

**Innefu Labs Pvt Ltd,
Pitampura,Delhi**

Duration: 08 months

- Analyzed code and debugged errors to improve system performance.
- Utilized best practices to identify and remedy bugs within specific timeframes.
- Collaborated with backend and client engineers to build features and solve problems.
- Implemented and managed data collection from diverse sources.
- Monitored critical systems' health and performance, checking job statuses via Putty.
- Conducted regular checks and maintenance of Elastic Search.
- Integrated Python heartbeat scripts for multiple clients.
- Managed build deployment processes on Tomcat and Linux servers.

ACADEMIC BACKGROUND

Graduated from Lovely Professional University with a B.Tech degree, attaining outstanding academic performance.

Clients

- Delhi Police
- NIA
- DRDO
- J&K CARGO
- J&K PCR
- NORTHERN COMMAND
- BSF
- CRPF

CAREER EXPERIENCE

Java Developer

Parasoft Software Pvt Ltd,
Bangalore, Karnataka

Duration: 2.3 years

- Solid grasp of **OOPs** principles.
 - Sound understanding of fundamental concepts like **Exception Handling**, Static block/variables/classes.
 - I have expertise in **Collections**, **Multi-Threading**, and **Servlets/JSP** life cycle.
 - Proficiency in **File Handling** operations in Java, including reading and writing files.
 - Proficient in **Java/J2EE**, **JSP** and **Servlets**.
 - Proficiency in **Spring**, **JPQL** and **Hibernate** frameworks, with expertise in **ORM** frameworks such as **Hibernate** and **JPA**.
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- Proficient in web technologies such as **HTML**, **CSS** and related technologies.
 - Strong command over popular **IDEs** like **IntelliJ**, **Eclipse**, and **STS**.
 - Experienced in **JDBC** and **RESTful** concepts, proficient in designing and developing **RESTful APIs**, and skilled in maintaining **web services** and APIs.
 - Experience in **Core Java** and **Spring MVC**. Knowledge of data transfer objects(**DTO**) and associated design patterns.
 - Strong understanding of **web services** technologies such as **REST**, **SOAP**, **HTTP**, and **JSON**.
 - Proficient in using code versioning tools like **Git & Git Hub**. Familiarity with **database** technologies like **MySQL** and **MongoDB**.
 - Experienced in **Java 8**, **Spring Boot**, and **Microservices**, with hands-on web service development expertise using Spring Boot and Microservices.
 - Proficient in writing JUnit test cases and conducting unit testing, including API testing with tools like **JUnit** and **Postman**.
 - Proficient in leveraging **Stream API** and **Java 8's** functional programming concepts for efficient code, data processing, and transformations.
 - Proficient in using **Maven** as a build automation tool and **dependency** management.
 - Familiarity with **Rest Controller**, **Service**, and **Repository** patterns.
 - Experience in CRUD operations (**Create**, **Retrieve**, **Update**, **Delete**) for database management.
 - Experience in implementing **pagination** and sorting in APIs.
 - Ability to generate **Excel**, **PDF**, and **CSV** reports using **Restful APIs**. Proficiency in **Spring Validation**.
 - Knowledge of **Model Mapper** for data mapping. Proficient in **Spring Validation** and **security** frameworks, developing high-quality, scalable, and secure software.
 - Knowledge and experience in **Password Encoding**, secure password storage techniques, **JWT Token** and **Session**.
 - Experience in integrating **SMS sending** functionality using **Spring Boot**, **API integration**.
 - Experience in using **AWS** for testing purposes.
 - Proficient in **SDLC**, and **log4j** for secure development and efficient logging.
 - Familiar with **Apache Kafka** concepts and principles, as well as **Agile Scrum** methodology.
 - Knowledge of Jenkins **CI/CD** for seamless integration and continuous delivery.

PROJECT ASSIGNMENTS

Innsight

Project TimeLine: 08 months,

Industry: Information Security R&D,

Designation: Software Developer - Java (2023-2024)

Valuable Input to the Project:

- Debugged and resolved issues using **JavaScript** and **Spring**.
- Monitored and restarted **Tomcat** servers using **Linux** commands in **Putty**.
- Monitored and analyzed collection data from the cloud using **MySQL**.
- Integrated **Python** heartbeat scripts using **Linux** commands in **Putty**.
- Monitored **jobs** statuses and resolved issues using **Linux** commands in **Putty**.
- Monitored **Elastic Search** status using **Linux** commands.

PROJECT ASSIGNMENTS

Skylink

Project TimeLine: 2.3 years

Industry: Travel Services Website

Designation: Junior Java Developer (2021-2022)

Designation: Java Developer(2022-2023)

Valuable Input to the Project:

- Developed Flight and Hotel Booking API using **Java**, **Spring Boot**, **Hibernate**, **JPA**, **ORM** with **Dependency Injection**, **Spring Security**, and **Spring MVC**.
- Implemented **RESTful** architecture for efficient booking operations.
- Designed and implemented **CRUD** operations for flight and hotel bookings, following **OOP** concepts.
- Utilized **pagination** and **sorting** techniques to efficiently retrieve flight and hotel data based on user requirements.
- Developed functionality to export flight and hotel data in **Excel**, **PDF** and **CSV** formats.
- Implemented the business logic for flight and hotel booking functionalities, including availability checks, reservation management and Check-In.
- Effectively utilized **Git**, **Maven**, and popular **IDEs (IntelliJ, Eclipse, STS)** for managing Travel domain projects.
- Implemented **Java 8's Lambdas** and **Stream API** for efficient development.
- Implemented **exception handling** to gracefully handle errors and provide appropriate error responses to clients.
- Integrated external **APIs** for fetching real-time flight and hotel data and utilized **JSON** for data interchange.
- Implemented **Spring Validation** for input data integrity and secure **authentication/authorization** using Spring Security, including **Password encoding** **JWT Tokens**, and **Sessions** to protect API endpoints.
- Conducted unit testing using **JUnit** to ensure the correctness and reliability of the API functions.
- Implemented **JPQL** queries for optimized flight and hotel search, using **MySQL** as the database management system.
- Integrated **SMS** Sending API for sending booking-related notifications to users.
- Collaborated with frontend developers to integrate the **API** endpoints with the user interface for a seamless booking experience.
- Deployed the API on **AWS** for Testing. Worked closely with stakeholders to understand requirements, propose solutions, and deliver high-quality software within project timelines.