

PRATAP KUMAR SAHU

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PROFESSIONAL SUMMARY:

- 2 years of experience in **development** of **Web-based, Client/Server, and Distributed applications** across the entire Software Development Life Cycle using **Java** and **J2EE** Technologies.
- Experience in software development methodologies such as **Agile, Scrum, Test Driven Development** and **Waterfall**.
- Strong experience in Spring Frameworks such as **Spring MVC, Spring Boot, Spring ORM**, and implementing **RESTful web services**.
- Worked extensively in the development of web applications using **Spring** and **Hibernate** framework.
- Experience using **Spring Boot** in business layer for **Dependency Injection, AOP**, transaction management using **Hibernate** as a persistence layer.
- Worked with **Hibernate/JPA** for integrating legacy databases, writing custom queries with **HQL**.
- Extensive knowledge and experience with **JPA** using **Hibernate** implementation.
- Proficiency in design and implementation of **Object-Oriented concepts** (OOPs) and **Java & J2EE** design patterns.
- Having good knowledge on **Solid Design Pattern**.
- Experience in **Java8** features like **Streams API, Functional Interfaces, Lambda Expression, JodaTime Api**, and **Default Method**.
- Extensive experience with **Java** libraries like **log4j, Jackson, JUnit, Mockito, iText, Apache POI, Lombok, Google Guava**.
- Experience writing good code, analyzing bugs, and coding standards by using static code analyzers like **FindBugs** and **Checkstyle**.
- Good knowledge and experience in writing **JUnit** test cases with **Easy Mock, Mockito**, and **PowerMock**.
- Experience in using code repository software **Git** and **Github**.
- Used **Maven** for dependency management and build management. Good understanding of **Gradle**.
- Experience in **Maven** for project builds and **Jenkins** with **JUnit**, for **Continuous Integration**.
- Experience with **REST API** automation - validating - response header, status, body, authentication, authorization using **RESTAssured, Java8, TestNG**.
- Extensive experience on Application/Web Servers including **Apache Tomcat**.
- Experience in **POSTMAN** tool for **API** testing manually.
- Experience with **JMeter** for load and stress testing of **REST API** - Used **Parametrization, JMeter** functions, and logic controllers.
- Experience on cloud-based platforms **AWS** and containerization using **Docker**.
- Experience in Database design (RDBMS), programming, implementation, and development using **MySQL** and having good knowledge on NoSQL database like **MongoDB**.
- Having good knowledge on **React.js** for creating interactive UI's using **One-way data flow, Virtual DOM, JSX, React Native** concepts.
- Strong experience in developing web technologies using **HTML, CSS, JavaScript, jQuery, ReactJS**, and **Bootstrap**.
- Extensive experience in using IDE like **Eclipse, VisualStudio, STS, IntelliJ, Sublime**.
- Experience with **SSH**, checking logs on **UNIX** machines, and basic **UNIX** commands.

TECHNICAL SKILLS:

Languages: Java, SQL, Shell Scripts.

Web Technologies: HTML5, CSS3, JavaScript, JQuery, Bootstrap, Servlets, JSP, ReactJS

Frameworks: Spring Boot, Spring MVC, Hibernate, Spring ORM.

Databases: MySQL, Oracle, MongoDB.

Tools: Maven, Gradle, Git, JUnit, Mockito, Postman, SoapUI, JMeter, Docker, Jenkins.

WebServices: RestApi

Web/Application Servers: Apache Tomcat, Jetty.

IDEs: Eclipse, STS, VisualStudio, Sublime, IntelliJ IDEA.

Operating Systems: Windows, Mac OS X, Unix, and Linux.

Education:

Bachelor of Technology(CSE) from Biju Patnaik University of Technology 2018, Odisha

PROFESSIONAL EXPERIENCE:

Client: Innovapath, Hyderabad

TalentScreen

Role: Software Developer

Mar 2019 - Present

Description: TalentScreen is a comprehensive website that helps recruiters in achieving staffing objectives and evaluating job candidates. Contains distinctive modules like Profile, Subjects, Quiz, and Video Tests. Diverse users can access this application. Candidates can take tests and check their knowledge. Recruiters can find profiles for open work positions.

Responsibilities:

- Collaborated with product management teams in an **Agile** environment to develop a comprehensive set of functionalities for web-based applications.
- Participated in 2 weeks **Sprint** meetings and various other meetings and discussed Enhancement and Modification Request functionality in the application.
- Worked in developing **Restful API** using **Spring MVC**.
- Developed **REST** exception handling controller advices to respond to bad requests and server-side exceptions.
- Used **Java 8 Lambda expressions** along with **Streams** for creating internal iteration and performing chain operations such as **Filter**, **Map**, **Collect** on a **collection**.
- Used **Lombok**, **slf4j**, **Google Guava**, **Apache POI**, **Jackson API** as **Java** libraries and **FindBugs**, **Checkstyle** as tools.
- Used **Spring** framework for building the application based on **MVC** design paradigm.
- Developed **SQL** queries and executed them by using **JDBC** Template provided by **Spring**.
- Used **JUnit**, **Mockito** in integration testing in **Spring Boot** application.
- Used **Maven** tool for Project management and for the purpose of compile, run, deploy and adding external dependencies also integrated **Maven** project with **Jenkins** to perform continuous integration and continuous build.
- Worked in **Docker** container-based environment, creating customized images and writing **Docker** files and pushing it to the **Docker** Registry.
- Analyzed **business** requirements and existing software for High-Level Design.
- Used **Hibernate** in the persistence layer and implemented **DAO's** to access data from the database.

- Implemented **DAOs**, entities using **Hibernate API** and **Hibernate QL**.
- Used **Log4j** for tracking the web applications.
- Involved in the **code** review process and updating the best practices document.
- Developed **JUnit** test cases for all the developed modules.
- Set up **Jenkins**, **GIT**, and **Maven** to work together and provide a **smooth continuous integration system**.
- Well versed in manually testing **REST APIs** using browser plugins like **POSTMAN**.
- Created and executed **SQL** queries in order to insert records to Database.

Environment: Agile, Java, J2EE, HTML, CSS, jQuery, Bootstrap, Spring MVC, JavaScript, Restful, JSON, Spring JDBC, MySQL, JSP, JSON, Hibernate, JPA, Maven, Apache Tomcat, Eclipse, JUnit, Hamcrest, AssertJ Core, GIT, Postman, Log4j And Mac OS X, AWS