Chitra Raval (She/Her)
Full Stack Java Developer
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Summary:

Experienced Java Full Stack Developer with 4+ years of expertise in designing and deploying robust, scalable applications across diverse web platforms. Proficient in frameworks such as Spring and Hibernate, adept at integrating Micro Services Architecture with Spring Boot. Skilled in Spring modules including MVC, IOC, Batch, AOP, Rest, JDBC, and Security, coupled with Hibernate for ORM implementation. Well-versed in Java Messaging Service (JMS) for reliable information exchange. Familiar with cloud technologies like Amazon Web Services (AWS EC2, S3) and version control systems SVN and GIT. Hands-on experience with build tools ANT and Maven, logging with Log4j, and deployment on various servers like Apache, Tomcat, and WebSphere. Solid grasp of Java and J2EE fundamentals, SDLC methodologies (Waterfall, Agile/Scrum), and proficient in creating UML diagrams using Visio. Effective communicator, adaptable team player with strong problem-solving and leadership skills, ensuring successful project delivery through all stages of the software development lifecycle.

IT Skills:

Programming Languages	Java/J2EE
Java Technologies	JDBC, JMS, MicroServices
Frameworks	Spring, Hibernate
Spring Modules	MVC, IOC, AOP, Boot, Batch, Rest, JDBC, Security
Cloud Technologies	AWS, EC2, S3
Design Patterns	Singleton, Command, Factory, Front Controller, DTO, DAO, MVC, View Object
Logging Tools	Log4j
Version controlling Tools	SVN, Git
Build Tools	Ant, Maven
Web and Application Servers	Apache, Web Sphere, Tomcat, Web Logic, JBOSS
Testing Tools	JUnit
IDEs	Eclipse, Spring Tool Suite (STS)
Design Tools	MS Visio
Operating Systems	Windows, Linux
Frontend	AngularJS, NodeJS, Java Script, ReactJS, React Native.

Education:
Masters of Science in Information Technology-India

Experience:
Central One Credit Union –ON   **March 2023 to Present**
Full Stack Java Developer

Responsibilities:
- Coding business rules in service layer and implementing the spring – Hibernate integration to handle the database transaction part.
- Expertise in creating responsive design of web applications using HTML/HTML5, CSS/CSS3(SASS,LESS), Bootstrap, JavaScript(ES5), jQuery, AngularJS, AJAX, and JSON,Node.js and ReactJS.
- Implementing Log4j for logging and appended to a log file for debugging.
- Implementing Spring Boot MVC, which includes writing Controller classes for handling requests, processing form submissions and performed validations using Common validator.
- Designing and developing data access layer using Data Access Object (DAO) and Singleton design patterns.

- Refactored the existing code to latest version of **Java 8** from **Java 7**
- Participating in build process, modifying the MAVEN files, compiling the code building, packaging the WAR file and deploying onto various Tomcat servers in UNIX environments.
- Using Spring Dependency Injection, annotations and Spring MVC components to implement business layer and navigation part of application.
- Using AWS S3 to store data and to retrieve the stored date very quickly
- Deploying Spring Boot based microservices Docker container using Amazon EC2 container services.
- Developing, implementing and debugging the Web Application by using Spring MVC framework.
- Working in Agile, Scrum Environment's and participated in requirement gathering, analysis and Design, Development, Testing and Implementation.
- Working in the service layer as a Java Web Developer using Spring 5.0, Spring Boot, Hibernate, SOAP and REST Web-services (restful API)
- Integrating Spring Security with JDBC to manage user registration and login
- Utilizing Log4j to capture the log that includes runtime exceptions
- Configuring Hibernate to implement the ORM Mapping in the system using XML configuration files.
- Utilizing Hibernate Template API for database operation, such as queries, updates and to fulfill user's requests.
- Creating JUnit for the business layer of the application for all possible scenarios.
- Proficient in leveraging advanced big data technologies such as Hadoop, Spark, Hive, Kubernets and Kafka to extract actionable insights from large datasets, driving informed decision-making and optimizing business processes.

Environment:
Java, Core Java, Java8,J2EE, Spring, Hibernate, Kubernets, MicroServices, AWS, EC2, S3, Spring MVC, Spring Boot, Spring IOC, Spring AOP, Splunk, Spring Batch, Spring Security, Java Script, JUnit, Log4j, SQL, MySQL, Git, Windows, Agile, Scrum, Jira, confluence, Mockito,Azure.

Bell Canada, ON   **June 2022 to Feb 2023**
Java Developer

Responsibilities:
- Developing presentation layer of applications by creating Spring Controllers, Service Components, DAOs, Web Services, and integrating UI using Spring MVC framework.
- Hands-on experience in package and task management using tools such as MongoDB as well as relational database such as MySQL, Oracle DB.
- Utilizing IntelliJ IDE for development. Mapping database tables and relationships using Hibernate ORM tool. Conducting unit testing with JUnit, Selenium and mock testing with Mockito.
- Implementing business logic in the Middle Tier using pluggable components specified in customized XML documents with Spring framework.
- Configuring Spring MVC and Hibernate ORM mapping. Developing back-end logic in Core Java with Collection Framework, Multi-Threading, Exception Handling, Generics, and Annotations. Handling requests and responses with JSON data using Spring MVC controller.
- Implementing Hibernate for CRUD operations on the database and developing Restful Web services transmitting data in JSON format. Writing SQL queries for MySQL database operations. Managing multiple feature branches using Git via GitHub for version control.

Environment:
Java, Core Java, J2EE, Spring, Spring MVC, Spring Boot, Spring IOC, Spring AOP, Spring Batch, Spring Security, JUnit, Jenkins, Log4j, Java Script, SQL, MySQL, Git, Gitlab, Bitbucket Windows, Agile, Scrum, Jira, Mockito, GCP, NoSQL(MongoDB, Cassandra).

HDFC Life Insurance-India   **March 2020 to May 2022**
Java Developer

Responsibilities:
- Utilizing Spring MVC Framework for Dependency Injection and integrating Java Components.
- Employing Spring and Hibernate for Object-Relational Mapping in back-end operations. Implementing DAO pattern for database operations.
- Developing REST Web Services clients and Service layer using Spring with Hibernate for persistence. Configuring JDBC connection pooling for database access.
- Working extensively on SOAP and RESTful web services, writing SQL queries and stored procedures. Developing test classes with JUnit and collaborating with developers for system integration.
- Following SDLC-Agile/Scrum methodology, utilizing ANT and Maven Scripts for building and deploying applications. Creating UML design models and participating in problem-solving sessions and code reviews for continuous improvement.

Environment:
Java, Core Java, J2EE, Spring, Spring MVC, Spring Batch, DAO, JUnit, Log4j, SQL, PL/SQL, MySQL, Git, Windows, Agile, Scrum, Jira, Mockito, UML, Ant, Maven, Rest, SOAP, Postgres, CI/CD Pipeline(Continuous Integration / Continuous Development), Excel.