**Ritu Raj**

**Summary:**

* Around6+ years of extensive experience in developing enterprise, web-based and SOA applications using Java- J2EE technologies.
* Experience in Agile Methodologies, Waterfall &Test-Driven Development (TDD).
* Strong Skills in Object Oriented Programming Concepts.
* Programming and development expertise in various JEE technologies including JSP, Servlets, EJB, MDB, Java Mail, JDBC, JavaBeans, JNDI, JMS,AJAX and web services (REST).
* Extensive experience working with frameworks like Spring MVC and Spring Boot.
* Substantial experience working on application with clustered-server like Tomcat, JBOSS, Web Server XAMPP.
* Designed/Developed server-side Drools validation framework for validating data submitted through DevOps.
* Hands on experience in building Java Enterprise Applications using the latest technologies from JEE stack like Core Java, Multithreading, Spring, Spring Reactor, Hibernate, Web services, JSF, JSP, Servlets, Struts, EJB, JMS, JPA, JDBC, XML, XSLT, DOM, SAX, JAXP, JAXB.
* Good Knowledge using JavaScript frameworks such as AngularJS and jQuery.
* Good understanding of development and implementation of various Java/J2EE design patterns such as Data Access Objects, Transfer Objects, Singleton, Factory Design and MVC.
* Experience working in SQL, Stored procedure, Stored Functions, Triggers and Query Optimization.
* Proficient in using IDE tools such as Eclipse and NetBeans.
* Worked in Web application development using HTML5, DHTML, CSS3, UML, Angular JS, JavaScript, J2EE (JSP, Servlets, JDBC, Struts, EJB, AJAX), Spring, JMS, Oracle, SQL, MVC architecture.
* A good knowledge in using JSON (JavaScript Object Notation) -a lightweight data-interchange format to build a collection of name/value pairs and ordered list of values.
* Expertise in various open source frameworks and tools like Spring, Hibernate, JPA, Log4J.
* Strong experience in implementing the MVC framework like Struts, Spring and ORM tools like Hibernate in J2EE architecture.
* Designed Use Cases, Class diagrams, Sequence and Collaboration diagrams for multi-tiered object-oriented system utilizing Unified Modeling Tools (UML) such as Rational Rose.
* Used Hibernate for integrating legacy databases, writing custom CRUD statements, integrating stored procedures and functions and performed polymorphic associations.
* Experienced in building tools like Maven, Log4j for Logging and JUnit for testing.
* Strong experience with JUnit Framework in performing unit testing in applications.
* Experienced in handling Version Control Systems like Git, CVS and SVN.
* Good knowledge in RESTful web services.
* Good knowledge in Automation Testing (Selenium).
* Highly self-motivated with strong analytical, communication and problem-solving skills, excellent team player and ability to deliver under critical situations.

**Technical Skills:**

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| Web/Application Servers | Apache Tomcat, Glassfish, XAMPP, WebLogic, Http-Server |
| **J2EE Technologies** | EJB, Servlets, JSP, JSTL, JSF, JDBC, MVC, Hibernate, SpringMVC, SpringBoot, JNDI, Log4J, JUNIT, ANT, Servlets |
| **Language** | Java,XML, JavaScript, SQL, C++, Python |
| **IDE Tools** | Eclipse, NetBeans, Spring Tool Suite, Rational Rose for UML diagrams |
| **Web Technologies** | JavaScript, CSS3, HTML5, DHTML, XML, JSP, JQuery, AJAX, WordPress, AngularJS. |
| **Internet Protocols** | HTTP, HTTPS,SOAP, TCP/IP, REST |
| **Databases** | MySQL, SQL Server, Mongo DB, Amazon S3 Cloud Storage, Oracle 11g |
| **Testing Tools** | Junit, Jasmine, Manual Testing, Code Review |
| **Version Control Tools** | GitHub, Svn |
| **Operating systems** | Windows XP 7,8, UNIX |
| **Server** | Apache, Tomcat 7, 8, Ubuntu |

**Professional Experience:**

**CVS, Dallas TX Jan 16 - till date**

**Full stack Java Developer**

**Responsibilities:**

* Participated in the all aspects of Software Development life cycle such as business requirement gathering, business logic analysis, program specific designs and implementations.
* Spring and Spring Boot Framework were used to perform the plumbing and dependency management of the Code.
* Performed server-side and client-side scripting for booking module
* Involved in Server side development and development of restful web services for which other systems interact with IMR application
* Server side Testing using JUnit
* Utilized XSLT transformations for XML files, and created java code documents using Javadoc.
* Developed automation framework using Cucumber-JVM, Selenium-WebDriver, JUnit and Jenkins, Java, Python, JavaScript, WebDriver.
* Gradle was used as project build tool for compiling, testing, cleaning, building, resolving dependencies, creating Wars and Jars files and performing the execution of other programs for installing process.
* Server side Testing using JUnit, Mockito
* Designed the real time analytics and ingestion platform using Storm and Kafka.
* Installed, tested and deployed monitoring solutions for code deployment using DevOps application with Splunk services.
* Web Sockets were used for the live streaming of the data. While Rabbit MQ implementing AMQP was used as a message oriented middleware for the communication of recorded data.
* Tomcat Server was used to deploy the main java based application in most cases. Also, Socket Router and Reverse Proxy were used to handle the routing services and authentication service.
* Hibernate ORM and JDBC were used to map the java objects, connect, and perform the CRUD with Database.
* Developed several REST APIs using micro-services style of architecture with Kafka as message broker and Mongo DB as backend database.
* Wrote Web Services using SOAP and tested functionalities with SOAP UI
* Involved in creating the Stored procedure, Stored Functions, Triggers and Query Optimization using SQL. Microsoft SQL Server was used.
* Used JNDI to perform lookup and locate a resource data and objects.
* Implemented different design patterns such as factory design, Singleton, DAO, DTO, Prototype, MVC and Facade.
* Worked on migration from oracle 10g to Apache Cassandra
* Development SOAP and RESTful Web services using Apache Axis1, Weblogic, Web Service Tools, Session beans as web services, Spring MVC and Jersey.
* Exchange of data was performed using REST (HTTP), Web socket (TCP) and AMQP protocols. Google’s POSTMAN was used to perform the testing of web services. Used JWT, Bearer Tokens and Oauth2 service for providing the authentication service.
* Developed the User Interface using HTML5, CSS3, JavaScript, AJAX and jQuery.
* Performed unit testing of the code using Junit for java based application and Jasmine Framework for client side.
* GitHub was used as Online repository. Used GIT as version control tool to check in, check out, commit, merge and update the files to GitHub repositories.
* Extensively used Core java concepts such as Java IO, Multithreading, Collections, Reflections and Networking.
* Used Log4J to log messages and debugging purposes.

**Environment:** Java, Hibernate, JDBC, Gradle, GitHub, Log4J, JSP, Servlets, SQL, SQL Server, Spring MVC, XML, HTML, CSS, JSTL, AJAX, JavaScript, REST, Rabbit MQ, Web Sockets, Spring Boot, PostMan, Spring Tool Suite, Tomcat, Grunt, NPM, Jasmine, Junit C#, Windows 7, Command Prompt.

**Title-Max Atlanta, GA Jan 14-Jan 16**

**Full Stack Java Developer**

**Responsibilities:**

* Worked on all phases of Agile methodology life cycle. Used Agile based SCRUM methodology for developing the project.
* Design and developed Endpoints using Spring IOC (DependencyInjection)
* Extensively used MVC, Factory, and Singleton Design patterns.
* Developed web services using SOAP and REST.
* The view is constructed by using JSP, HTML, CSS, and JavaScript.
* Developed test cases for Unit testing using JUnit and performed integration and system testing
* Involved in coding for the presentation layer, JSP, AJAX, XML, XSLT and JavaScript.
* Developed Maven build scripts to automate the deployment to various Web Servers.
* Developed WebSphere Portal products to give users a single point of access to the applications, services, information, and social connections they need.
* Closely worked and supported the creation of database schema objects (tables, stored procedures, and triggers) using Oracle, SQL.
* Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews.
* Interaction with customers and identified System Requirements and developed Software Requirement Specifications.
* Implemented Java design patterns wherever required.
* Involved in development, maintenance, implementation and support of the System.
* Involved in initial project setup and guidelines.
* Implemented Multi-threading concepts.

**Environment**: Servlets, JSP, Spring, HTML, XHTML, XSLT, JDBC, EJB, Oracle 10g, JBoss, Agile development process, WSDL, SOAP, UDDI, JAXB, CVS, PL/SQL, JUnit, Windows XP and Log4j**.**

**Maniacs Infotech, Maharashtra Feb11 – Nov13**

**Software Engineer**

**Responsibilities:**

* Involved in developing front end using dynamic JSP, HTML, CSS, and JavaScript.
* Performed Client-side validation of forms and fields using JavaScript.
* Used Servlets in order process the request and response mechanism.
* Used AJAX to perform the search functions and load dynamic contents and results in web page.
* Used JMS and Java Mail to communicate within the application system and to send the mail to customers.
* Extensively used DAO and DTO classes files to connect with database using JDBC.
* Used Session Beans to wrap the business logic classes and interfaces in the EJB layer.
* Developed the application using DTO, DAO, andSingleton, design pattern.
* Used JNDI to lookup a data and reference to EJBs that is live component running inside the server.
* Developed stored procedure and performed query Optimization using SQL in MySQL database.
* Glassfish server was used to deploy the whole application.
* Performed the testing of the application to unit test using JUnit.
* Used Spring framework to manage the dependency injection and to perform the plumbing of code when necessary.
* Used SOAP web service method to exchange the data and information between systems.
* Extensively used Collection framework API, Exceptions and Multi-threading.

**Environment:** Java, JEE, JMS, JNDI, JMS, EJB 3.0, Java Mail, Glassfish, Eclipse, JSP, JSTL, Servlets, SOAP, JUnit, MySQL 5.1.44, XML, HTML4, CSS2, JavaScript, AJAX, Windows.