**Raj Kumar**

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**Summary:**

* Over **8+** years of experience in analysis, developing Web based, Client/Server, Distributed and testing of applications using Java/J2EE Technologies.
* Experience in several **J2EE** technologies like **JSP**, **Servlets**,**JSF**, Web services (**SOAP**, WSDL and UDDI) JSF, Hibernate, Spring, Struts, EJB (Entity session Message Driven Bean), **AJAX**, Java Beans, JNDI, JMS, Java Mail, **XML**.
* Experience in developing web applications using **HTML5**, **CSS3**, **XHTML**, **Java Script**, **AngularJS**, **ReactJS**, **BackboneJS**, XML, **jQuery**, AJAX, **JSON**, **JSONP**, **EXTJS** and Twitter **Bootstrap**.
* Extensively worked on ORM tools like **Hibernate** and widely experienced in implementing Hibernate Inheritance/ Collection / Association Mapping.
* Experience in Java/J2EE Design Patterns including Singleton Factory, Model View Controller (MVC), **Data Access Object** (DAO) and Business Delegate. Well versed with core Java concepts like collections, multithreading, serialization, Java beans.
* Involved in injecting dependencies into code using Spring core module concepts like **Spring IOC** of Spring Framework.
* Knowledge in developing scripts using **RESTful** API models for the purposes of integrating workflows.
* Used various version control systems, especially**GIT** to keep track of features in different branch, review the code and merge with master for production push applicable features.
* Experience in developing and deploying Web Services using SOAP, WSDL, SOA and XML technologies.
* Experienced in database design using **PL/SQL** to write Stored Procedures, Functions, Triggers, and strong Experience in writing complex queries using **Oracle**, **DB2**, **SQL Server**, **MySQL,** and NoSQL(MongoDB).
* Excellent in deploying the applications in AWS as EC2 instances and create snapshots for the data that should be stored in AWS S3.
* Experience in built web services using Spring and CXF operating within ESB, offering both REST, AWS, and SOAP interfaces.
* Experienced in a fact paced **Agile** Development Environment including Test-Driven Development (TDD) and Scrum.
* Good Experience on **Selenium** IDE and creating Scripts in Selenium -RCby using Java, and hands on Selenium web driver.
* Exposure to three-tier and N-tier Client/Server development architecture.
* Excellent analytical and critical thinking, creative problem solving, quick learning, leadership, interpersonal and client interfacing skills.

**Education:**

* Bachelor of Technology in Computer Science & Engineering - Hyderabad, India.

**Technical Skills:**

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| **Programming Languages** | C, C++, Core Java, JavaScript, SQL, PL/SQL, MySQL |
| **Design Methodologies** | Agile, Waterfall |
| **Java/J2EE Technologies** | Servlets, JDBC, JSP (EL, JSTL, Custom Tags) Hibernate, Junit, Struts, Java Beans, JMS, EJB, Java Security, JNDI. |
| **Web Technologies** | HTML5, CSS3, XHTML, Java Script, AngularJS, ReactJS, Backbone JS, XML, jQuery, AJAX, JSON, JSONP, EXTJS and Twitter Bootstrap. |
| **Framework** | Struts, Spring, JSF 2.0, iBATIS, Hibernate |
| **Mid-Tier Technologies** | EJB, JMS, Web Services (WSDL, SOAP, XML), JAX-WS/RS |
| **Databases & Tools** | Oracle, MongoDB, DB2, SQL Server and MySQL |
| **Application/Web Servers** | IBM Web Sphere, JBoss, apache Tomcat |
| **Operating Systems**  **Design Patterns** | UNIX (Solaris, Linux), Windows  MVC, Business Delegate, Factory, Singleton, Session Façade, Adapter, Data Access Object (DAO) and Service Locator |

**PROFESSIONAL EXPERIENCE:  
Western Digital Corporation - San Jose, CA  
Sr. Java/J2EE Developer  
Feb 2016 - Present**  
**Responsibilities:**

* Developed Application based on **J2EE** using **Hibernate**, **Spring**, **JSF** frameworks and **SOAP**/**REST** web services, **WebSphere** Integration Developer (WID) Tool to develop WPS components.
* Worked with **Agile** Methodology (SDLC), involved in daily scrum meetings, sprint planning, product backlogs.
* Implemented business layer using Core java, Spring Beans using dependency injection, spring annotations, and **Spring MVC** components.
* Created Spring MVC components like Dispatch servlets, configure Request mapping annotation controllers, view resolver components.
* Implemented spring controllers with annotations, validations using model attributes to pass request from presentation layer to helper classes.
* Implemented transaction management using spring declarative transaction management with Spring AOP concepts.
* Integrated spring with Hibernate using configurations and implemented DAO layer to save entities into data base.
* Extensively used Hibernate **ORM** in data access layer to write DAOs. Developed hibernate mapping and Configuration files.
* Responsible for design and developing Persistence classes using Hibernate, and Spring, JDBC Template frameworks to save data in database tables.
* Generating Hibernate mapping files and domains using tables.
* Developed a fully automated continuous integration system using **Git-Stash**, **Jenkins**, **MySQL**, and custom tools developed in Python and Bash.
* Implemented Hibernate Inheritance strategies to map relation between tables and configured many-many relationship using Hibernate annotations.
* Used **AngularJS** as the development framework to build a single-page application.
* Tested all application controllers extensively with Agular’s built-in testing facilities.
* Created RESTful web service to server ECU strategy files to synchronizewebsite.
* Involved in creating/consuming SOAP based web services to expose business operations.
* Installed application on AWS EC2 instances and configured the storage on S3 buckets.
* JSF (Java Server Faces) was used for to simplify development integration of user interfaces and the operation on the values they (UI) hold.
* Implemented logging mechanism using log4j.
* Used JSF for user interface layer development and tools like Firebug for Web Accessibility.
* Used Maven tool to build and packaged, deploy an application project, and integrated with Jenkins.
* Configured managed beans and made available to the application by declaring them in the faces-config.xml configuration file.
* Used JAXB to marshal Java object to **XML** object to put message in message Queue.
* Worked on JSON format as well for data transfer.

**Environment:** Spring 4.x, Spring MVC, Hibernate4.3, Jetty, Webservices8, AWS, Joomla, JSF, Angular JS, SOAP/ Rest, log4j2, Junit, Java8, JMS, JAXB, XML, Ajax, jQuery, JavaScript, Maven, GIT, JIRA, Jenkins, IntelliJ

**CapitalOne – Seattle, WA  
Sr. Java/J2EEDeveloper   
May 2014 - Jan 2016**  
**Responsibilities:**

* Involved in Requirements gathering, analysis, design, development, Testing and Maintenance phases of R&D Redesign.
* Gathered existing functionality of different products from BRD, HLAD and FDN.
* Implemented RUP development process on Software Development Life Cycle and done with effort estimations using Function points & 3p estimations.
* Prepared design documents with Sequence Diagrams, Class Diagrams using Microsoft VISIO tool.
* Used **HTML5**, **CSS3**, **JavaScript**, **AngularJS**, **jQuery** to create design layout with **JSP**.
* Involved in the implementation of DAO using **Spring**-**HibernateORM**.
* Used Spring framework for Dependency Injection (IOC) and integrated with Hibernate framework.
* Used spring framework to inject services, entity services, transaction management, and concerns by factory class corresponding to the use case operation executing.
* Worked with NoSQL Databases like Apache Cassandra, Mongo DB.
* Involved in using spring concepts - DI/IOC, AOP, Batch implementation and **Spring MVC**.Implemented Declarative transaction management using Spring AOP.
* Used**AWS** to deploy the project on EC2 instance. Implementation of the Business logic layer for **MongoDB** Services.
* Used spring **JDBC** Template to do CRUD operations with Database.
* Created WSDLs as per wire frames, UI pages & generated client jars using JAX-WS.
* Involved in Migrating an existing on-premises application to AWS.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud watch.
* Extensive experience in designing MongoDB multi-sharded cluster and monitoring with MMS.
* Used Apache **CXF** to create **SOAP** based &**RESTful** web services.
* Implemented RESTful web services to consume **XML**&**JSON** Messages.
* Used Hibernate framework in the data access layer to access and update information in Oracle Database.
* Used HQL, Native SQLs and Stored Procedures to access the data.
* Involved in creating internal & external services, Entity services and handlers.
* Defined rules using JRules that are defined for resources to show details on UI pages. Followed up with Business Analysts to create conditions & business functions using JRules UI.
* Written **SQL** queries &**PL/SQL** - Stored procedures, functions, triggers, cursors, sequences, and indexes, which are going to be invoked by Batch processes.
* Created continuous integration builds using Ant & Jenkins and deployed on WebSphere application ant.
* Created **JUNIT** test cases and ran the TEST SUITE using EMMA tool.
* Ran check style, PMD defects & Find bugs and fixed them.
* Addressed defects identified in QA and IST phases. And tracked QC status as per the guild lines.
* Used ActiveMQ messaging to set up communication between applications in ESB. And flows are created for JAX-WS and JAX-RS web services.
* Participated in migration to DB2 data base from Oracle DB.
* Done with Unit testing using **MOKITO**.
* Involved in peer level design & code reviews.
* Followed coding guidelines and implemented Core Java&J2EE design patterns.
* Supported IST, QA and UAT builds and identified issues in Smoke testing and tracked them efficiently.
* Involved in deploying the application in UNIX and to connect to see logs for fixing UAT/Production defects.
* Coordinated with Performance team to get thread dumps & tuned java as well as DB code.

**Environment**: JAVA/J2EE, Servlets, JSP, WebSphere Application Server 8.x, XML, HTML5, CSS3, XSD, XSLT, XPATH, JAXP, JAXB,AWS, WSDL, SOAP, JavaScript, Angular JS, Spring frame work-DI, AOP, MVC, Hibernate, REST, JAX-RS, CXF, IBM MQ Series, RAD 8.0, JUNIT, IBM Clear Case, SOAPUI, JProfiler, JNDI, Java/J2EE design patters, EMMA, Ant, HP QC, MongoDB etc.

**DST Systems - Kansas, MO  
Java/J2EE Developer   
Mar 2012 - Apr 2014**  
**Responsibilities:**

* Involved in analyzing the user requirements and specifications for deciding the flex component needed to be developed and their interaction.
* Involved in the design by preparing UML diagrams using Microsoft Visio tool.
* Created POJO layer to facilitate the sharing of data between the front end and the J2EE business objects.
* Used **HTML**, **XHTML**, **DHTML**, **JavaScript**, **AngularJS**, **AJAX**, **jQuery**, **JSP** and Tag Libraries to develop UI/view pages.
* Used server side **Spring** framework and **Hibernate** for **Object Relational Mapping** of the database structure created in Oracle.
* Involved in Hibernate configuration properties setup & mapping files using generators, associations & inheritance etc.
* Used Oracle coherence for real-time cache updates, live event processing, in-memory grid computations.
* Developed web services by using **RESTful** API.
* Implemented Message Driven beans to develop the asynchronous mechanism to invoke the provisioning system when a new service request saved in the database used JSM for this.
* Transformed XML documents using XSL.
* Used JavaScript for client while server validation through Expression Language
* Used GOF Java&J2EE design patterns. Used Business Delegate to maintain decoupling between presentation & business layer.
* Used **JPA** with Hibernate provider.
* Used **JMS** to send messages through WebSphere queues.
* Involved in configuring WebSphere variables, queues, DSs, servers and deploying EAR into Servers.
* Involved in reading customer xml and constructing primary, secondary customer information.
* Developed authentication through LDAP by JNDI.
* Developed and debugged the application using Eclipse IDE.
* Involved in Hibernate mappings, configuration properties set up, creating sessions, transactions and second level cache set up.
* Involved in backing up database & in creating dump files. And, creating DB schemas from dump files. Wrote developer test cases & executed. Prepared corresponding scope & traceability matrix.
* Ran check styles, PMD Defects, find bugs etc. and fixed them if there are any.
* Configured EMMA tool and ran test suite and made sure that 100% test coverage.
* Implemented Maven as build and configuration tool.
* Used Apache Tomcat Application Server for application deployment in the clustered window environment.
* Used CVS repository for version control.Involved in fixing IST, QA and production defects & tracked them using QC.

**Environment:** Java 1.5, J2EE, Servlets, JSP, HTML5, JS, CSS3, Angular JS, DOJO, Apache-Tomcat, Maven Repository, JMS, DOM/SAX, XML, XSD, XSLT, Oracle 11g, Eclipse, JUnit, CVS, Spring - DI, AOP, MVC, Hibernate, Oracle coherence, JSM, Web Services - WSDL, JAX-WS, AXIS, CXF, JAX-Restful Services, JAXP, JAXB, QC.

**Ybrant Technologies - Hyderabad, India**

**Java/J2EE Developer  
Jul 2008 to Dec 2011  
Responsibilities:**

* Developed application by using **Struts**, **Servlets** and **JSPs (**Java Server Pages**)**.
* As per client request, Custom tags have been developed to reuse it in other modules.
* Developed **Ant** script to automate the process of build and deployment.
* Used Web Services like **WSDL** and **SOAP**.Deployed applications on **JBoss** server.
* Extensively configured the build files to different Environments.
* Developed Session Beans which encapsulates the workflow logic.
* Used Entity Beans to persist the data into database.
* Used JMS to establish message communication.
* Analyze old database table fields and map to new schema tables using complex Queries and
* **PL/SQL** procedures.
* Used CVS for the concurrent development in the team and for code repository.
* Deployed applications on Linux client machines.
* Involved in regression testing, evaluating the response times, and resolving the connection pooling issues.

**Environment:** J2EE, Servlets, Struts 1.1, Java, EJB, JSP, JMS, JBoss 4.0, SQL Server 2000, Ant, CVS, PL/SQL, WSDL, SOAP, Eclipse, CVS, Linux.