**Naveen Vemula**

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**Summary:**

* **8 years** of IT experience in all phases of Software Development Life Cycle (SDLC) such as Planning, Analysis, Design, Implementation, Testing and Maintenance of Web Based, Client-Server and N-tier Architectures
* Extensive experience in the development of client/server and web Applications using **JAVA**, **J2EE**, **J2SE** technologies and Web Technologies for enterprise applications.
* Extensive experience in developing applications using Java, JSP, Servlets, **JavaBeans**, **JSTL**, EJB, JSP Custom Tag Libraries, JDBC, JNDI, SQL, AJAX, JavaScript and XML.
* Well experienced in full Software Development Life Cycle with **Agile**, **SCRUM**, Iterative and Waterfall methodologies (Analysis, Design, Implementation and Testing).
* Hands on experience in configuration and deployment of multi-tier applications using servers like WebSphere, Web Logic, Tomcat.
* Experienced in developing **SOAP**-based **Web Services** and Web Service Clients (**JAX-WS**, **SOAP**, **WSDL**, **JAXB**, and **UDDI**).
* Experienced in developing **RESTful** **Web Services** and Web Service Clients (**JAX-RS** or **JAX-WS**) with data representation in various formats such as XML and JSON.
* Expertise in Web-Development technologies like **HTML**, **JDBC**, **JavaScript**, **CSS**, **XML**, **AJAX**, **JQuery** and **Angular JS**.
* Experience in developing a cloud based web application hosted by a Cloud platform (Paas).
* Experience working with databases such as **Oracle** Database, **SQL Server**, **MySQL** and using **PL/SQL** to write stored procedures, functions and triggers for different Data Models.
* Very Good experience in working with various modules of spring framework like **Spring Boot,** **Spring IOC**, **Spring MVC**, **Spring DAO** and **Spring ORM** and developing ORM components using Hibernate
* Experience using **Hibernate** for mapping Java classes with database and using **Hibernate query language** (HQL).
* Strong knowledge of IDEs like Eclipse, Net Beans, IBM Rational Application Developer (RAD 7.0.0), Web Sphere Studio Application Developer.
* Experience with **Struts** (MVC Paradigm) components such as Action Mapping, Action class, Dispatch action class, Action Form bean, and a form set for validation and used **JavaBeans** to return dynamic information.
* Experience in using testing tools **JUnit, Mockito, Powermock**for application integration testing and unit testing.
* Experience in implementing logging mechanism using **log4j** and apache **commons logging**.
* Hands on experience in using **ANT** build scripts for building projects, and in using **Maven**
* Highly skilled in using Version Control Management tools like SVN, CVS, and Git.

**Technical Skills:**

**Programming Languages** Java 1.6/1.7/1.8, C, Data Structures, C++, C#, PL/SQL, MATLAB

**J2EE Technologies** Servlets 2.1/2.5, JDBC, JSP 1.2/2.1, JSTL, EJB, JMS

**Web Technologies** HTML5, CSS 3, Java Script 1.8.1/1.8.2, XML, jQuery, AJAX, Angular JS

**Web Services** SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS 2.2, JAX-B 2.2, Axis2

**Application Server** WebLogic 10.3.1/11g, JBOSS 4.0/5.1, IBM Web Sphere 6.0/8.5, Apache Tomcat 6

**Framework** Spring 2.5/3.0/4.x, Spring MVC, Struts 1.0/2.0, Hibernate 3.0, ATG, Web Services, SOAP 1.2, Restful, JMS, JUnit

**Modeling/Case Tools** Rational Rose, MS Visio Professional

**Log Tools** Log4J

**Build Tools** ANT, Maven

**Version Control Tools** SVN, CVS, Git

**Operating Systems** Windows 8, 7, XP, Server 2008 Linux, MAC OSx

**Database** SQL Server 2008, MySql, Oracle 10g/11g, Postgre SQL

**IDE/Tools** Eclipse Mars, NetBeans, IBM Rational Application Developer (RAD 6/7.0), Web Sphere Studio Application Developer (WSAD 5.1.2)

**Education:**

* **Bachelor of Technology** in Electronics and Communication Engineering, JNTU, India.

**Professional Experience:**

**Sr. Java/J2EE Developer**

**JP Morgan Chase, Lewisville, TX Oct 15 – Present**

**Project:** The Application Vulnerability Management System is the one stop shop for vulnerability Management , supporting NAI (Not An Issue) management and remediation administration for all application vulnerabilities from the different security scanning tools (EX : Fortify, Black Duck, Dynamic Scan, …) Specific features are Combining application vulnerabilities and present them in a structured, prioritized fashion, NAI management and approval, Remediation planning of vulnerabilities across the various scanning complexes in order of priority, choose remediation option for Black Duck Vulnerabilities, Integrate Vulnerabilities into Jira for defect/task management, Initiate re-testing for vulnerabilities that require initiation of re-testing (Ex.: Dynamic scan or EHT) and Finally Close the loop on vulnerabilities that got resolved and subsequently dropped from the scan results

**Responsibilities:**

* Worked in Agile methodology environment including Test Driven Development with Continuous Integration/Delivery(Jenkins Tool), Junit, Mockito, JIRA issue navigator, Crucible Code Reviews is part of every day's work
* Participated in business meetings along with business analysts to record user requirements, and developed design artifacts.
* Developed application on Spring4.x framework by utilizing its features like Spring Boot, Spring Dependency injection, Spring Beans, Spring Security, Spring JPA, Spring Web flow using MVC.
* Used Spring Security framework to set up authentication and authorization for the application using firm wide single sign on.
* Developed persistence layer using Spring Data JPA, also used Spring JDBC for lightweight database operations.
* Used JPA Annotations for Mapping Objects to Tables, hibernate features such as Lazy Loading, Hibernate Query Language (HQL), Criteria and Pagination.
* Implemented Web-Services to integrate between different applications (internal and third party components using **RESTFul** services using Rest Template, Jersey.
* Involved in building service and repository layers.
* Deployed on Gaia which is an internal **Cloud** Platform as a Service leveraging the Cloud (Cloud Foundry) to provide computing resources.
* Used Maven to build, run and create JARs and WAR files among other uses.
* Used Java Messaging Service with QPID Message broker in the application to communicate with a variety of external systems.
* Worked on JUnit and used Mockito and Powermock frameworks for unit testing of various components of the applications.
* Created dynamic HTML pages, used jQuery for client-side validations, and AJAX to create interactive front-end GUI.
* Used AngularJS for dynamic web applications using HTML.
* Published and consumed REST Web Services for transferring data between different applications.
* Integrated with different systems like Jira, Blackduck and Fortify to fulfill business requirements.
* Involved in coding, maintaining, and administering Project artifact deployed on a Tomcat.
* Implemented the logging mechanism using log4j framework
* Used GIT as source control tool for branching, merging and maintain code versions in the repository enabled using Maven Versioning Capability.
* Worked on a variety of defects to stabilize application.

**Environment:** J2EE (Java 1.8), Spring(MVC, Boot, data jpa, IOC, AOP, Security), Hibernate, QPID Message Broker, REST WebServices, HTML, JQuery, Angular JS, Jmeter, JUnit, Linux, Eclipse, Tomcat, Cloud Foundry, GIT, MariaDB on cloud.

**Sr. J2EE Developer**

**Federal Home Loan Bank, Des Moines, IA July 2014 – Oct 2015**

A primary benefit FHLB application is access to low cost secured borrowings, known as advances, which are funded by the FHLBanks in the capital markets from the issuance of discount notes or term debt, collectively known as consolidated obligations (COs).

**Responsibilities**

* Involved in all the phases of **SDLC** including Requirements Collection, Design & Analysis of the **Customer** Specifications, Development and Customization of the Application.
* Followed **Agile Methodologies** and peer-to-peer code reviews.
* Designed and developed Application based on **Spring Framework**, **Spring MVC** and **Spring templates**
* Used Spring Transactions in the application and developed Session beans for the business logic at the middle tier level.
* Used Spring Framework for **Dependency Injection** and integrated with **Hibernate DAOs**.
* Used Hibernate framework in persistence layer for mapping an object-oriented domain model to a relational database
* Involved in implementation of enterprise integration with **Web Services** and **Legacy** Systems using **SOAP**, and **REST** (Using **Axis** and **Jersey** frameworks)
* Developed UI using **HTML**, **CSS** and **jQuery** to display the data on the client side.
* Tested applications and documented results and bugs including documentation of information useful in the debugging process
* Developed Object Model and UML design models for developing Use cases and created Sequence diagram, class diagram and active diagrams for application components and interfaces.
* Involved in developing **XML** compilers using **XQuery**.
* Involved in writing Spring Configuration XML file that contains declarations and other dependent objects declaration.
* Used **SVN** for version control. **Log4J** was used to log both User Interface and Domain Level Messages.
* Designing the Use Case Diagrams, Class **Model**, Sequence diagrams, for **SDLC** process of the application using Microsoft Visio.
* Developed back end interfaces using PL/SQL packages, stored procedures, Functions, Procedure, Anonymous **PL/SQL** programs, Cursor management, Exception Handling in PL/SQL programs
* Tuning complex database queries and joining the tables to improve the performance of the application
* Implemented GUI pages by using JavaScript, **HTML**, **JSP**, CSS, and **AJAX**.
* Developed EJS access layer and components using JPA/Hibernate frameworks for object persistence to Derby database for mock domain and in Oracle for real domains.
* Wrote **SPA (Single page web applications**) using **Restful** web services plus AJAX and Angular JS.
* Used **Collections** extensively to store, retrieve and manipulate objects in the business logic layer
* Used **J2EE** Design patterns like Singleton, Service Locator, Session Façade, DAO, DTO and Business Delegate during development.

**Environment**: Java 7, Spring 3.0, Hibernate 3.0, AJAX, JMS 1.1, XML, SOAP, WSDL, REST, JDBC, JAX-WS 2.2, JavaScript 1.8.2, AngularJS, UML, HTML5, JNDI, JAXB 2.2, SVN, Log4J, JUnit, WebSphere 8.5 Application Server, Eclipse, Oracle 11g, Maven

**Sr. J2EE Developer**

**Sensata Technologies, Columbia, MO May 2013 – June 2014**

Project: Product Label Automation

Sensata Technologies is the world’s leading supplier of sensors and controls across a broad range of markets and applications that manufacture highly engineered devices that satisfy that improve safety, efficiency and comfort for millions of people every day and are used in automotive, appliance, aircraft, industrial, military, heavy vehicle, heating, air conditioning, data, telecommunications, recreational vehicle and marine applications. Product Label Automation is software, which has to ultimately generate the right labels to be stuck on the circuit breakers that are manufactured. The data on the label is sent in an xml format from the Java web service to a .Net client that gets the right xml in the soap response. The .Net application processes the xml data and generates the right label to be printed on the circuit breaker.

**Responsibilities**

* Extensively involved in the phases of **SDLC**. Used Agile based **SCRUM** methodology for developing the project.
* Involved in front end development using JSP's and **Servlets** that present data to the client.
* Responsible for designing **Rich** user Interface Applications using JavaScript, CSS, HTML and **AJAX**.
* Applied J2EE Design Patterns such as Factory, Singleton, and Business delegate, DAO, Front Controller Pattern and **MVC**.
* Responsible for coding in Java for client side requirements based on STRUTS framework
* Implemented Struts **MVC** architecture and Tiles for an efficient implementation of the view level customizations and interfaced with application logic.
* Developed **Struts Actions** and action mappings for fetching information from and delegating request to the service layer.
* Used **Net** **Beans** **IDE** for code development along with **SVN** for managing the code
* Created **XML** for deployment descriptors, struts configuration files and integrated to validation files
* Developed model components using session beans and used local message driven beans (MDB) to interact to session using EJB
* Responsible in creating **Servlets**, which route submittals to appropriate Enterprise Java Bean (**EJB**) components and render, retrieved information
* Creating class diagrams, sequence diagrams, Data Model and Object Model using MS **visio**.
* Used **Struts** **validator** framework to validate the form data.
* Designed and developed the UI using Struts view component, JSP, HTML, CSS and JavaScript.
* Extensive use of **HTML**, **JSTL**, **JSP** and **JQuery** for the presentation layer along with Java script for client side validation.
* Involved in Object Oriented Design/Object Oriented Analysis with usage of UML Sequence Diagrams and Class Diagrams with Rational Rose.
* Building and deploying the application in **WebLogic** Application Server.
* Used **ANT** tool for building application EAR for deploying on WebLogic Application servers.
* Developed and executed Unit Test cases using **JUnit** framework by supporting TDD (Test Driven Development).
* Involved in writing PL/SQL Stored Procedures, Functions, Triggers and Views for Oracle database.
* Prepared Test Cases to perform Unit, Integration and System Testing. Tested the developed components using **JUnit**.
* Used **Maven** to build the J2EE application.
* Implemented Web service calls using **JAX**-**WS** and SOAP that provide Global information support such as Customer and Account management.

**Environment**: J2EE 5, JDK, Net Beans IDE, Struts 2, JSP 2.1, Servlets 2.5, EJB 3.0, Hibernate 3.0, MS Visio, Oracle 11g, PL/SQL, CSS3, Ajax, HTML5, java script 1.8.2, Log4j, JUnit, SOAP, JMS 1.1, XML Bean, Clear Case, Unix, Web Logic Application Server 11g, ANT.

**J2EE Developer**

**MVP Healthcare, Rochester, NY March 2012 – April 2013**

The current tool used to update Benefits Display information has been determined to be inadequate for the overall requirements to edit information that is common to multiple policies. This will be implemented using new code and changes to existing software. The current provision for single updating remains operational and there is additional of the Mass Update Tool (MUT). The MUT addresses the following requirements of the business users:

* In addition of current functionality, enable the ability to apply a change to an existing phrase to some, or all Benefits (and related Benefit Packages) using that phrase at same time.
* Enable the ability to associate a phrase to some or all Benefit Packages, including within a particular Product type at the same time.
* Enable the ability to associate the same phrase multiple times to a Benefit.
* Enable the option to full copy (overwrite) all or the selected benefits of a Benefit Package to another Benefit Package even if the destination Benefits already has existing Benefits with phrases.

**Responsibilities:**

* Involved in various **SDLC** phases like Design, Development and Testing.
* Developed front end using **Struts** and **JSP**.
* Developed webpages using **HTML**, Java script, **JQuery** and **CSS**.
* Used various Core Java concepts such as **Exception Handling**, **Collection API**s to implement various features and enhancements.
* Developed server side components **servlets** for the application.
* Involved in coding, maintaining, and administering Servlets and JSP components to be deployed on a **Web Sphere** application server.
* Implemented **Hibernate ORM** to Map relational data directly to java objects
* Worked with Complex SQL queries, Functions and Stored Procedures.
* Involved in developing **Spring web MVC framework** for portals application.
* Implemented the logging mechanism using **log4j** framework.
* Developed Web Services.
* Wrote test cases in **JUnit** for unit testing of classes.
* Used **Maven** to build the J2EE application.
* Used SVN to track and maintain the different version of the application.
* Involved in maintenance of different applications with offshore team.

**Environment:** Java 1.6, Spring Framework 3.0, Struts 2, Hibernate 3, RAD 6, SVN, Maven, Web Sphere Application Server 6.0, Web Services 1.3, Oracle Database 11g, IBM MQ, JMS 1.1, HTML5, Java script 1.8.1, xml, CSS3.

**J2EE Developer**

**247 Media, NYC, NY January 2011 - February 2012**

FlexApp is a premium web and mobile application, which enables the customers to pay easily as gateway for hosting advertisements, banners. This is a flexible banking application, which hosts different types of offers for different consumers, business and partners. Enhance Flexapp system to create responsive applications for the partners and enhance the post submittal flows.

**Responsibilities:**

* Involved in the lifecycle of the software design process including, requirement Definition, prototyping, design, interface implementations, unit testing and maintenance.
* Used various Core Java concepts such as **Exception Handling**, **Collection APIs** to implement various features and enhancements
* Written **SQL** statements for manipulating database, using **JDBC**.
* Created Action Classes, Domain Objects Request processor for the application using **Model View Controller (MVC) approach**.
* Implemented **Spring MVC architecture** and **Spring Bean Factory** using IOC. Configured Bean properties using dependency injection.
* Implemented **EJB** Components (Stateless, State full Session Beans) for transactions.
* Implemented **JDBC** using spring in the data access object layer to access and update information in the **oracle Database**.
* Handled **RESTFul** web service calls and EJB services.
* Wrote PL/SQl queries, stored procedures, and triggers to perform back-end database operations.
* Implemented the caching mechanism in **Hibernate** to load data from Oracle, My SQL database.
* Designed and developed queries using **Hibernate Query Language** and data validation via the **Hibernate validator** framework.
* Designed and developed Enterprise Eligibility business objects and domain objects with Object Relational mapping framework Hibernate.
* Used Data Access Objects (**DAO**) to abstract and encapsulate all access to the data source.
* Involved in generating the **WSDL** (using Web Services) file from eclipse.
* Created/Converted to **JSON** based Restful web services to improvise the performance of the code.
* Experience in monitoring servers using tools like App Dynamics, NSG.
* Asynchronous messaging is executed by utilizing **JMS API** for point to point messaging.
* Involved in developing and deploying the Restful Web services on **Jboss** Application Server.
* Developed the User interface Templates using **JSP**, **JavaScript**, **CSS**, Ext js, HTML and **Ajax**.
* Used **MAVEN** as the build tool and Jenkins for continuous integration.
* Performing code deployments to local JBOSS server for testing in Linux environment.
* Developed the application using **Eclipse**/**IntelliJ IDE**.
* Developed unit test cases using **JUnit**.
* Involved in the code fixing and system testing activities.
* Involved in peer programming and code refactoring.
* Used SVN, Clear Case for Source code version control.
* Involved in Updating/Creating the tasks in Jira.

**Environment:** Java/J2EE 5, JDBC, Servlets 2.5, JSP 2.1, Struts 2, Hibernate 3.0, MVC, Spring 2.5, SOAP Web Services 1.2, WSDL, Groovy, EJB 3.0, JBPM, XAMPP, JMX Console, Maven, ANT, JQuery, JSON, AJAX, HTML5, CSS3, Java Script 1.8.1, log4j, Oracle 11g, MY SQL, Ext JS, Weblogic 10.3.1, SVN, Eclipse 3.5, UNIX, IntelliJ, Agile.

**Software Developer**

**Canara Bank, Bangalore, India November 2009 - December 2010**

Project: Online Loans Application

It is an online application for loans section where client can request for loans, see approval status of loans, loan balance, historic payments and transactions online and bank management can approve the loans online and update the payments and their status online.

**Responsibilities:**

* Involved in acquiring requirements from the clients.
* Designed use cases for different scenarios.
* Designed and developed components for billing application.
* Developed functional code and met expected requirements.
* Wrote product technical documentation as necessary.
* Designed presentation part in **JSP** (Dynamic content) and **HTML** (for static pages)
* Designed Business logic in **EJB** and Business facades.
* Used MDBs (JMS) and MQ Series for Account information exchange between current and legacy system.
* Attached an SMTP server to the system, which handles Dynamic E-Mail Dispatches.
* Created Connection pools and DataSources.
* Involved in the Enhancements of Data Base tables and procedures.
* Deployed this application, which uses **J2EE** architecture model and **Struts Framework** first on **Weblogic** and helped in migrating to **JBoss** Application server.
* Participated in code reviews and optimization of code.
* Followed Change Control Process by utilizing winCVS Version Manager.

**Environment:** J2EE 5, JSP 2.1, Struts Frame Work 1, EJB, JMS, JBoss Application Server 5.1, Tomcat Web Server 6, Pl/Sql, winCVS, MS PowerPoint, MS Outlook

**Software Developer**

**Systems & Services Limited, Hyderabad, India June 2008 - October 2009**

Project: Hospital Management System (HMS)

This is a comprehensive and integrated Hospital Management System for a Super Specialty Hospital. This package is used to computerize the activities of a servicing system. This package contains four modules. They are Administration, Patient Care System, Health Services and Auxiliary Services. Each module is having sub modules with in this sub modules will maintains storing, registering, details of joining patient details, and over all day activities maintains one particular database

**Responsibilities:**

* Designed the application using the **J2EE** design patterns such as Session Façade, Business
* Delegate, Service Locator, Value Object and Singleton.
* Developed presentation tier as **HTML**, **JSP**s using **Struts Framework**. Used **AJAX** for faster page rendering.
* Developed the middle tier using EJBs Stateless Session Bean, **Java Servlets**.
* Entity Beans used for accessing data from the **Oracle database**.
* Worked on Hibernate for data persistence.
* Prepared high and low level design documents for the business modules for future references and updates.
* Deployed the application in **JBoss** Application Server in development and production environment.

**Environment:** J2EE 1.5, EJB, Struts 1, Hibernate 3.0, Spring 2.0, JSP 1.2, Java Swing, Servlets 2.1, JMS, XML, SOAP, UDDI, WSDL, WAP, WML, JDBC, JavaScript, UML, HTML, JNDI, CVS, Log4j, Junit, JBoss App server 4.0, WSAD 5.1.2, Rational Rose, SQL Server 2008.