**Vamshi Daniyakula**

[vamshidaniyakula@gmail.com](mailto:vamshidaniyakula@gmail.com)

+1(571)373-0703

**Sr. Java Developer**



**PROFESSIONAL SUMMARY:**

* 8+ years of experience in developing Web based and distributed J2EE Enterprise Applications utilizing OOA, OOD, OOPS and JAVA/J2EE innovations in Banking, Financial, Insurance and Health Care.
* Strong experience in all the phases of **SDLC** (Software Development Lifecycle) includes Analysis, Design and Development, Debugging, Support, Integration, Maintenance and Enhancements of **Java/J2EE** Applications.
* Strong experience in **Agile, Scrum, UML** Methodologies, **Test Driven Methodologies** and **MVC** based frameworks like **Struts**, **Hibernate** and **spring**.
* Expertise in J2EE application development using **Core Java, J2EE, EJB, Struts MVC, Spring MVC, Spring Boot, Microservices, RESTful Web Services, Mongo DB, Netflix APIs, Hibernate, Design patterns, AJAX, SOAP, Servlets, JDBC, JSP, XML, JAXB, HTML, SQL, CSS, JavaScript**.
* Experience in working with Model View Controller (**MVC**) design for web improvement utilizing **JSF**, **Struts** and **Spring MVC**, **JSP**, **JavaBeans** and **Servlets**.
* Experience in developing applications with various Open Source Frameworks **Struts 2.x Framework, Spring Framework (Spring MVC, IOC, AOP, Data and JDBC Templates), JSF, Hibernate, JPA** for persistence.
* Experience in Implementing Graphical User Interface (GUI) pages by utilizing **JSP**, **HTML5**, **CSS3**, **JavaScript**, **AJAX**, **Angular JS**, **jQuery**, **Node.JS** with Standard Validations.
* Excellent theoretical base in Implementation Methodologies, Design Patterns, and Web based Architecture using web technologies like **JSP, Servlets, Struts & Hibernate.**
* Experience using Hibernate for mapping Java classes with database and using Criteria API and **Hibernate Query Language** (HQL).
* Strong Experience in Spring Framework, for example, **Spring MVC, IOC, AOP, DI, Spring-Boot, REST, Spring Integration, Spring Testing, and Spring JDBC, Spring Batch, Spring Securities.**
* Experience in web servers like **JBoss**, **Web Sphere Application Server**, **Web Logic**, **Apache Tomcat** on entire Software Development Life Cycle (SDLC).
* Extensive experience in Java, J2EE, JEE technologies such as Portlets, **JSF**, **EJB,ESB,MQ,JTA,JAXB**, **JAX-RPC**, **JAX-WS**, **SAAJ**, **JAAS** and **JPA**.
* Experience in making **SOAP** based Web Services using **Apache CXF**, **JAX-WS** and **RESTful** organizations like **JAX-RS**.
* Good experience in involvement at J2EE Testing in creating experiments with **JUnit** for Unit testing, and logging utilizing **Log4j**.
* Experience in making and solid perception of **Micro Services** Architecture.
* Hands on experience with **SQL/No SQL** databases systems like **Sybase**, **Oracle**, **SQL Server**, **MySQL,MongoDB**, **DB2** using mechanical assemblies like SQL Navigator, Toad for performing **SQL** and **PL/SQL** programming.
* Planned, Defined and Designed data based on business requirement using **Erwin** data modeler and provided documentations for further reference.
* Hands on Experience with **UNIX**, **Linux** commands and Deployment of Applications in Server and ability to work effectively on Windows platforms.
* Experience in using **GIT, SVN, CVS, and Rational Clear Case** for version controlling, error reporting and project management tools like **JIRA is used for bug/issue tracking.**
* Experience in working with IDE tools like **Eclipse**, **NetBeans**, **Dreamweaver, Notepad++, Net Beans, Microsoft Visual** and **IntelliJ**.
* Experience in Planning, designing and sent **Amazon Web Services** (AWS) for a substantial number of uses using the Amazon cloud arrangement.
* Experience in Amazon Web Services like **EC2**, **S3 basin**, **ELB**, **Auto-Scaling**, **SNS**, **SQS**, **Dynamo DB**, **Elastic Search**, **Virtual Private Cloud** (VPC) through **AWS Console** and **API Integration**.
* Experience in developing applications on operating systems like **Windows, UNIX and Linux.**
* Strong systematic and critical thinking abilities, exceptionally energetic, great cooperative person with great correspondence and relational aptitudes.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Web/Java Technologies | HTML5, CSS3, XHTML, JavaScript1.8, JQuery, Ajax, Angular JS, JSF, JSON. |
| Tools & Frameworks | Struts, J2EE, Client-Server, Spring2.x/3.x, Hibernate 2.x/3.x/4.x, Mule ESB, Spring MVC, Spring IOC, Spring AOP, Maven, Star UML, JMS, JSF, Junit, AJAX, Spring Boot, Spring Batch, and Spring Security. |
| Messaging Systems/  Web services | SOAP, Restful, UDDI, JMS, WSDL, JAX-RPC, JAX-RS JAX-WS, Micro Services. |
| Web/Application Servers | Tomcat 8.x/9.x, Web Logic 12c, IBM WebSphere 9.x, JBoss. |
| Database | Oracle 8i/9i/10g/11g, MySQL, Mongo DB. |
| Development Tools (IDEs) | Eclipse8.x/7.x/6.x/3.x/2.1.1, My Eclipse6.0/5.1.1, NetBeans3.3, JBuilder, Spring Tool Suite (STS). |
| Testing Tools | Junit 4.x, JIRA, Soap UI, Mockito, Rational Clear Quest. |
| Version Control | CVS, SVN, Rational clear case, GIT. |
| Build Tools | Jenkins, Maven, ANT. |
| Operating System | Windows Vista/XP/2000/NT, Linux, UNIX. |

**PROFESSIONAL EXPERIENCE:**

**Optum Technology, Eden Prairie, MN Nov 2016 to Till Date**

**Role: Sr. JavaDeveloper**

**Project Description:**  A Health Savings account (HSA) is a special account owned by an individual where contributions to the account are used to pay for current and future qualified medical expenses, also saving taxes on the savings. These accounts are available for individual and businesses, also the employers can also sponsor HSA’s for the employees, dependents etc. The account can be accesses online or using HSA debit card. The HSA works in conjunction with high deductible health insurance plan.

**Responsibilities:**

* Involved in complete development of '**Agile Development Methodology/SCRUM**', developed and tested the application during various iterations.
* Involved in various phases of **Software Development Life Cycle** (SDLC) such as requirements gathering, modelling, analysis, design, development, testing, and monitoring.
* Used **Maven** as build tool and deploying the application.
* Developed the User Interface using **spring framework**, **Websphere,JQuery** and **Ajax**.
* Developed screens using **Angular Js**, **CSS3, JavaScript** and **html5**.
* Built application to schedule a data reporting to network drive using **Spring boot.**
* Participated in development of a well responsive single page application using **ReactJS** framework and **JavaScript.**
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in **Angular Js**.
* Developed backend functionality using **Spring MVC/Spring Boot**, **Thyme leaf** and **Spring JPA**.
* Implemented **Java EE** components using **Spring MVC**, **Spring IOC**, Spring transactions and **Spring security** modules.
* Used **JPA** and **Hibernate** with entity beans for interacting persistence layer for **CRUD** operations.
* Used **GIT** and **SVN** as version control systems.
* Used **Log4J** logging framework for logging messages at various levels.
* Installed and configured **MySQL** on **Linux** and **Windows** environments.
* Designed **ER diagrams** Physical and Logical using **Erwin** and mapping the data into database objects.
* Designed and created MySQL database tables to normalize the existing tables.
* Worked with Continuous Delivery pipeline with **Docker,Jenkins** and **GitHub/Code hub.**
* Used **JBoss, IntelliJ, STS** and **eclipse** as development tools.
* Used **MySQL**workbench and **dB visualizer** as database tools.
* Used **SoapUI**, Postman and **REST** Client to test **REST** and **SOAP APIs**.

**Environment: J**ava/J2EE, Java Script, JDBC, AJAX, JSF, JPA, Bootstrap, AngularJS, Spring boot, ReactJS, Log4j, HTML, CSS, JSON, RESTful, SOAP, MySQL/MySQL workbench, Oracle/dB visualizer, Erwin8.0 ,Tomcat, IBM WebSphere, JBoss, IBM ClearQuest,Websphere, JIRA, Eclipse, STS, Agile Scrum, Test Driven Development, SVN, Git (code hub), Rally, Jenkins, Gherkins, Selenium, Open shift, Docker, Maven, SoapUI

**Wells Fargo, Charlotte, NC October 2015 to September 2016**

**Role: Sr. Java Developer**

**Project Description:**CORE (Common Opportunities, results and Experience) is an initiative to re-architect and redesign retail mortgage application management process by integrating both sales and fulfilment. Fulfilment users cannot see the application until it is submitted for fulfilment.

**Responsibilities:**

* Actively includes in various phases of **Software Development Life Cycle** (SDLC) for example, Design, Analysis, Development and Testing.
* Included in total improvement of **Agile Methodology**. Partaken in Scrum handle that is utilized for arranging diverse cycles of the venture
* Modified the UI screens created by web designer using**HTML5**, **CSS3**, and **JavaScript**.
* Implemented different validation control on the web-pages using **Angular JS** and developing a cross-platform **JavaScript** based solution using Angular JS.
* Created customized AMIs based on already existing **AWS EC2** instances by using create image functionality, hence using this snapshot for disaster recovery.
* Implemented **Micro Services** based Cloud Architecture utilizing **Spring Boot.**
* Designed and created Micro Services business segments and **RESTful** administration endpoints utilizing Spring boot.
* Implemented apache camel to integrate the different applications using protocols like **http**, **ActiveMQ** and **JMS**.
* Implemented **RESTFUL** and **SOAP** based web administrations utilizing for **JAX-RS** and **JAX-WS** individually.
* Designed and actualized application utilizing **Spring Boot**, **Spring MVC**, **Spring IOC**, **Spring AOP**, Spring Transactions, **Spring JDBC**.
* In charge of actualizing the business necessities utilizing **Spring Data** and **Spring Security.**
* Solved unresponsive problem of message queue in peak flow by refactoring and optimizing delivery as well as processing logic with **RabbitMQ**.
* Virtualized the servers using the **Docker** for the test environments and dev-environment needs and Configured Docker container for branching purposes.
* Utilized **Maven** as fabricate computerization apparatus for sending the venture on **Tomcat Application Server**.
* Validations are done utilizing **Soap UI** and **Ready API** testing instrument structure in various conditions.
* Used **Jenkins** for Continuous Integration and Continuous Delivery to assemble pipelines amid organization.
* Focused on Test Driven Development thereby creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Actively used the defect tracking tool **JIRA** to create and track the defects during **QA** phase of the project.
* Built **NoSQL** schemas and maintaining sessions by **MongoDB**. &Written SQL Queries and stored procedures to interact with **Oracle DB**.
* Used **GitHub** to keep up the form of the documents and assumed the liability to do the code converges from branch to trunk and making new branch when new element execution begins.

**Environment:**Java, Micro Services, Hibernate, Spring,Websphere, Spring MVC, Spring Boot, Spring Security, Spring DATA, Spring batch, SOAP, RESTful, Soap UI, Ready API, Amazon Web Services, Mongo DB, HTML,JavaScript, AngularJS, AJAX, Log4J, JUnit, Maven, Apache Tomcat,JavaScript,GitHub, GIT, Bash shell scripting and python scripting JIRA, STS.

**Discover Financial Services - Chicago, IL Aug 2014 – September 2015**

**Title: Java Developer**

**Project Description**: DART stands for Deal and Revenue Tracker. As the name itself suggests it’s a Banking Project which is related with deals and revenue tracking. Here we track and validate the inputs given. In this the tickets are validated and are sent to the downstream systems and were a risk system as it would eliminate the risks by validating accordingly.

**Responsibilities:**

* Involved in understanding requirements, Software Requirements Specification (SRS) and translating them into Detailed Function Specification document (DFS) for IDS
* Responsible for representing design discussions and Architecture discussion for the IDS Mini and Major releases
* Coding using **Struts 2, Spring (Boot, Security, DAO, AOP) Hibernate, JPA, JavaScript**, **Restful Web services, Servlets, JSP, JSON, XML, and HTML**
* Used **Hibernate, JPA Entity Manager** and **Spring JDBC** templates for DAO layer.
* Developed the application using **Eclipse IDE** and spring tool suite.
* Architected, Designed and implemented few of the key **REST APIs** which facilitated a huge data flow
* Designed and implemented the database startup scripts
* Used **SAX, DOM** Parsers, and **XPath** for parsing **XML**
* Identify the older modules/ code stack that can be reusable with minimal changes and define the interfaces that allow the communication with those modules
* Used **SVN** for version control.
* Worked on preparing test cases and executing unit testing and Integration testing.
* Involved in developing Presentation layer using JavaScript.
* Worked on **NetBeans IDE, and Web Logic Server 11gR**
* Worked with the automation team to understand the **selenium scripts** and review the code, run the tests and review the results and provide inputs to the team.

**Environment:** Java, Spring, Hibernate, JPA, Spring AOP, Websphere, Struts, Restful Web services, Servlets, JSP, JavaScript, JSON, XML, DOM, SAX, HTML, HTTP client API, NetBeans, Web Logic, Ant, SVN.

**Siemens, Piscataway, NJ Feb 2012 - July 2014**

**Title: Java/J2EE Developer**

**Project Description:** CPE Assert Tracking System (CATS) is an inventory for ESP Application. Firstly ESP (Enterprise service Portal) is a service portal that allows MNS to operate as a premier service provider of managed services. This application gives 360o view of the customer information. CATS provide different perspectives of search criteria like customer, order, location etc. The main motto of the application is to give the rich user interface to present the data of the customer in a single screen with efficient querying. This application provides different levels of authorization and authentication base on the roles and responsibilities of the user.

**Responsibilities:**

* Involved in all **project phase discussions** and executed project from **PDP** (predefined phase) to rollout phase with post implementation activities.
* Good experience in implementing **J2EE** compliant applications using various A Design patterns, **Struts framework, Tiles, Spring, MVC framework, Hibernate** and Messaging Middleware using **JMS.**
* Developed user interface using **JSP, JSP Tag libraries, Spring Taglibraries** and **JavaScript** to simplify the complexities of the application.
* Involved in enhancing certain modules of web portal using **Spring Framework**.
* Developed all the components as flows using **spring web flow**.
* Developed web and **service layer** components using **Spring MVC.**
* Implemented various **design patterns**like,**MVC, Factory, Singleton.**
* Monitored error logs using **Log4J** and fixed the problems.
* Used **Spring Framework** for Dependency Injection and integrated it with the **Struts Framework** and **Hibernate**.
* Used Web services – **WSDL** and **SOAP** for getting credit card information from third party.
* Used **JMS** API for asynchronous communication by putting the messages in the Message queue.
* Designed various tables required for the project in **Oracle 10g** database and used Stored Procedures and Triggers in the application.
* Performed unit testing using **JUnit** framework and used Struts Test Cases for testing Action Classes.

**Environment:** JDK 1.5, Servlets, EJB, XML, JQuery, JMS, Struts 1.2, Hibernate 3.0, Spring 2.5, SQL, Web Service(JAX-WS), HTML5, JSF, AJAX, DOJO, Websphere, JavaScript, CSS3, SVN, DB2, Oracle 10g, Adobe Dreamweaver CSS, IBM Web Sphere Application Server 6.1, Soap UI, Visio, Rational Rose, Log4j.

**SEI Investments, Oaks, PA Nov 2010 to Jan 2012**

**Role:Java Developer**

**Responsibilities:**

* Analyzed Business Requirements and Identified mapping documents required for system and functional testing efforts for all test scenarios.
* Used Core Java, reflection, Collection framework, multithreading, and Open source integration extensively with JSP, Servlets, EJB’s, and Web service integrations with Spring Framework.
* Used **J2EE, MVC architecture, Struts, Spring, Hibernate frameworks, Web Services**.
* Developed **Use Case diagrams, Business Flow diagrams, Activity/State** diagrams.
* Configuration of application using spring **2.6, Struts 1.3, Hibernate, DAO’s, Actions Classes, Java Server Pages**.
* Configuring **Hibernate Struts** and **Tiles** related **XML** files.
* Implemented features like logging, user session validation using Spring-AOP module.
* Developing the web applications using Spring, Hibernate frameworks
* In spring-hibernate.xml, defined Data Source, session factory, hibernate-template as bean.
* Developed the application using **Struts Framework** that uses **Model View Controller** (MVC) architecture with JSP as the view.
* Developed presentation layer using **JSP, HTML** and **CSS,JavaScript,JQuery**.
* Extensively used **Spring IOC** for Dependency Injection and worked on Custom MVC Frameworks loosely based on Struts.
* Used **JDBC** to invoke Stored Procedures and used JDBC for database connectivity to SQL.
* Deployed the applications on **WebSphere** Application Server.
* Used **Oracle11g** database for tables creation and involved in writing SQL queries using Joins and Stored Procedures.
* Developed **JUnit** Test Cases for Code unit test.
* Worked with configuration management groups for providing various deployment environments set up including **System Integration testing, Quality Control testing** etc.

**Environment:** J2EE, JDK 1.5, JSP, Struts 1.3, Eclipse 3.5, Hibernate,JavaScript, SQL Developer, Oracle 11g, Rational Clear Quest, JQuery 1.4, EJB 3.0, Websphere, JPA 2.0, JMS, SQL, UML, MS Visio, and Scrum.

**Stag Solutions, Hyderabad, India Jun 2009 toSep 2010**

**Role: Junior Java/J2EE Developer**

**Project Description:**

A framework client will take the solution and any vital data to begin the fill procedure by first partner a patient to the medicine. After a patient is chosen from either a nearby or focal inquiry, the client can enter the fill procedure. With the help of pharmacy software, they retrieve the data of the patient details and they can supply the required medicines to the customers and it can be given by any distinct location stores.

**Responsibilities:**

* Ensure work is assigned, tracked and completed as per the client commitments.
* Analyze the problems and identify the root cause, provide solutions.
* **Waterfall** model was adopted in the development. This includes on-Shore meetings.
* Designed and developed sub system by **SOA, Servlets, JSPs, J2EE Entity beans** and **Session Beans.**
* Custom User Interfaces is developed by using the **JSP custom tags.**
* Developed Action Classes to control the application flow and used **JavaScript** Validation framework.
* Used **JSTL** and developed required tiles and tile definitions for templating and defined configuration.
* Designed and created the database tables and wrote **SQL queries, Joins, stored procedures, triggers** and **functions to access Oracle SQL.**
* Used **SOAP UI** to test the **web service API calls.**
* Responsible for deploying the application in to the IBM Web Sphere Application Server.
* Used tools like **Sonar** and **Fire-bug** for code managing, monitoring, complexity and coverage.
* Used **GIT** as version control to check in the code, created branches and tagged the code in GIT.
* Used **Log4j framework** to log/track application. Analyzed the integration issues and fixed them.
* Assisted project manager in preparing time estimates and justification for assigned tasks.
* Assisted and supported team members in resolving moderately complex program problems. Provides technical advice on complex programming.

**Environment:** SOA, JSP, Entity Beans 1.2, JSTL, Servlets 2.3, Java Script, Oracle 10g, Eclipse, Web Sphere,Log4j, Sonar, Fire-Bug, Soap UI, Web services, GIT.