**Seshagiri**

**703-349-3271**

**vendor@vinsysinfo.com**

**TECHNICAL SUMMARY:**

* 13+ years of experience in design, development and maintenance of complex applications using Java, J2EE technologies in Banking, Insurance, Reinsurance and e-commerce domains
* Experience involving entire Software Development Lifecycle (SDLC) including identification of business needs & constraints, collection of requirements, Impact Analysis, implementation, coding, code review, testing, deployment and maintenance
* Strong exposure working with J2EE design patterns like MVC, Front Controller, Value Object, Singleton, Flyweight and Data Access Objects
* Experience with Spring Core, Spring MVC, Spring Web Flow, Spring Batch, Spring Security
* Experience with SOAP Based (JAX-WS)and Restful (JAX-RS) Web Service Development and integration
* Hands on Experience in AWS Cloud environment, EC2, S3, Cloud Watch, Elastic Beanstalk.
* String hands on experience with Python scripting language
* Good understanding of Service Oriented Architecture / Web Services Security
* Experience with JMS and Apache Active MQ
* Proficiency in web UI technologies JQuery, Node.JS, AngularJS,HTML5 and CSS3
* Sound Relational Database (RDBMS) concepts, database designing, Normalization, PL/SQL, Stored Procedures, Triggers, Cursors and extensively worked with SQL Server, Oracle and DB2
* Extensive experience in loading and analyzing large datasets with Hadoop framework (Map Reduce, HDFS, PIG and HIVE, Flume, Sqoop, Spark, Impala), NoSQL databases like MongoDB.
* Ability to understand Functional Requirements and Design Documents
* Experience in Shell scripting.
* Integrated Maven with Jenkins in order to run to automate the build process as a part of continuous delivery.
* Experience with Docker based container deployments to create shelf environments for dev teams and containerization of environments delivery for releases.
* Hands on Experience on Cucumber, Protractor and Mockito frameworks.
* Hands on experience in developing selenium IDE/webdriver using java, java script.
* Team player, self-motivated, think out of the box, can work independently in a challenging environment.
* Sun Certified Java Programmer.

**WORK EXPERIENCE:**

**General Dynamics IT/CMS**, Baltimore, MD **7/15 – till date**

**Project**: BCRC Web

**Full Stack Senior Java Consultant**

The BCRC is responsible for the recovery of mistaken liability, no-fault, and workers’ compensation (collectively referred to as Non-Group Health Plan or NGHP) claims where the beneficiary must repay Medicare. BCRC comprises of 15 Rest API's and multiple backend services. All the API's are developed on a micro service model and are Dockerized and deployed on AWS cloud.   
 **Responsibilities**:

* Developed complex Restful API's as micro service using Spring Boot.
* Deployed the dockerized versions of the micro services /APIs on AWS cloud using automated DevOps tooling.
* Have extensive experience in creating/configuring ECS, EC2, RDS, R53, Security Groups and subnet configurations.
* Contributed to the DevOps to automate the build and deployment process using Jenkins, shell scripting, chef, Python, AWS Lambda, and Cloud Formation Template.
* Actively involved in designing and validating failover/disaster recovery mechanism on production systems by switching traffic between Ease and West regions using AWS Route53
* Worked on developing/Integrating with SOAP based web service components to interact with external vendor systems
* Worked extensively on ATDD using Java/Cucumber to automate Integrating and functional testing
* Used Docker to containerize the Services and APIs to run on EC2 instances
* Extensive experience on Junits, SoapMocks, RestMocks, Wiremocks
* Extensive use of code coverage tools PMD, Check Style, Sonar, FindBugs
* Extensively involved in performance testing using Jmeter, Grafana& Influx DB for right sizing the AWS components for cost and performance optimizations.
* Experience in chaos testing using tools like Chaos Monkey.
* Developing AngularJS code for developing Single page applications (SPA), used several in built language core directives, expressions and modules.
* Implemented auto deployment scripts, instance creation and destroy scripts and CICD pipeline in AWS.
* Used Jenkin jobs for building and deploying (CI/CD) the application into app server.
* Developing of Client Side Validation techniques using JQuery and Angular Java Script.

**Environment**: JAVA 8, Angular JS, Spring 3.x, Spring Boot, AWS cloud, GIT, Swagger UI, SOAP UI, Docker, Junit, Jenkins, Maven, Jetty.

**USPTO**, Alexandria, VA **3/14 – 6/15**

**Project**: PTAB E2E

**Senior Java Consultant**

The Patent Trial and Appeal Board are created by statute, and include statutory members and Administrative Patent Judges. The PTAB is charged with rendering decisions on: appeals from adverse examiner decisions, post-issuance challenges to patents, and interferences.

**Responsibilities**:

* Lead the evaluation, design and prototype of modernization of USPTO’s core applications PTAB E2E and IFW applications.
* Developing RESTful web services using JAX-RS/REST Easy.
* Produce and consume JSON or XML in Java REST Services with REST Easy and Jackson.
* Integrating backend services with UI Angular JS.
* Followed agile methodologies and participated in daily stand up meeting.
* Designs and developed cross-plane service components with Spring MVC Framework.
* Implemented AOP based security, database transaction management, and service monitoring using Spring Framework.
* Designed and implemented Spring Framework based RESTful web services.
* Defined collections to store data in MongoDB.
* Developed Pl-Sql stored procedures to convert the data from Oracle to MongoDB.
* Implementing security using OAuth 2.0.
* Implementing JMS (publishing & subscribing, Queues) using Apache ActiveMQ server.
* Experience in MongoDB, creating collections and performing scan and query operations based on the hash and range keys.
* Achieving code quality in Sonar reports.
* Loading the huge volume real time data into Hadoop (hive/hbase tables) using java MapReducer job, sqoop and pig scripts.
* Analyzing and fixing Memory Leaks using JProbe 8.3.

**Environment**: Java 7, Tomcat 8,Spring 4.0,ActiveMQ,RESTEasy, JSON, Oracle 10g, AJAX, JAX-RS, SOPUI, MongoDB, Hadoop MapReducer, Windows 7, Maven 3, GIT, and JIRA

**Guy Carpenter**, Hoboken, NJ **2/13 – 3/14**

**Lead Java Developer**

**Project**: GC Advantage Point

GC Advantage Point is a web-based data management platform, allows insurers to quantify their exposure to a potential risk and highlight concentrated areas in their portfolios. It has different modules to help insurers access their largest levels of accumulation.

**Responsibilities:**

* Involved in the analysis, design, and development and testing phases of application using SCRUM AGILE methodology.
* Created UML diagrams like Class diagrams, Sequence diagrams, Use case diagrams in different tiers of the modules using Rational Rose.
* Used Dependency Injection feature of spring framework and O/R mapping tool Hibernate for rapid development and ease of maintenance.
* Developed the DAO layer for the application using Spring Hibernate Template support.
* Implemented Transactions using spring framework.
* Used Spring MVC and Web Flow to bind web parameters to business logic.
* Implemented Ant and Maven build tools to build jar and war files and deployed war files to target servers.
* Implemented cross cutting concerns like business transactions, security, Logging and monitoring mechanism using Spring AOP.
* Maintained relationship between objects using Spring IOC.
* Used JSP Tag Libraries (JSTL) to implement the logic inside the JSPs.
* Extremely used plain JavaScript and JQuery, JavaScript Library to do the client side validations.
* Used AJAX to get the data from the server asynchronously by using JSON object.
* Designed, executed, and maintained test scripts using selenium webdriver for regression testing.
* Selected the test cases to be automated and performed functional testing of the front-end applications using selenium (IDE and Java Web Driver) and created Data Driven framework using JUnit.

**Environment**: Java, Primefaces, Spring MVC, Hibernate, Tomcat, SQL Server, Apache Axis, Selenium webdriver and Firebug.

**Principal Financial Group**, Des Moines, IA **9/12 – 2/13**

**Java consultant**

**Project**: IVR (Interactive Voice Response) System

Interactive Voice Response (IVR) is a technology that allows the people to interact with computer systems. The target architecture achieves these by restricting IVR platform responsibility to end user input/output functionality using HTTP and voiceXML (VXML) to communicate IVR Web server flat form and using web service platform for application control and integration.

**Responsibilities**:

* Involved in the process of analysis, design, and development of the modules like Payroll Checks, Employment-based pensions and Disability pensions (modular design).
* Used Flyweight design pattern to implement web service business logic.
* Design, develop, configure implement Web Services using JAX-WS and SOAP 2.0.
* Used flyweight design pattern in service implementation.
* Developed and deployed Identification Verification Web Services.
* Used Subversion for version control built application code using Maven 2.
* Developed and executed Unit Test plans using JUnit, ensuring that results are documented and reviewed with Quality Assurance teams responsible for integration testing.
* Load test has been done on oracle application server using SOA UI.
* Developed automated unit test cases to test web services using SOAPUI.

**Environment**: JDeveloper, Oracle Application server, Toad, Oracle Rule Author, XML spy, Putty, Oracle BPEL , ESB, , Oracle Rule Author, MS Visio, XML, WSDL, XSLT, XSD,X-Path

**Wells Fargo**, Des Moines, IA **6/11 – 8/12**

**Java consultant**

**Project**: CORE (Common Opportunities, Results and Experience)

CORE is an end to end web based tool used by Wells Fargo Home mortgage consultants for secured real estate lending.

**Responsibilities**:

* Participated in requirements walkthroughs, Design discussions, Code reviews and technical audit meetings.
* Model Layer implemented with Hibernate 3.0 and Oracle for O/R mapping.
* Uses Spring MVC framework.
* Extensively used JAX-RS/Jersey to consume RESTful services from third party to get the content for the site.
* Developed and deployed the Application components on JBOSS.
* Developed SQL Queries, stored procedures, triggers and troubleshooting database performance issues on Oracle 11g.
* Performed unit testing using JUnit frame work.
* Used Subversion for version control built application code using Maven 2.
* Used JIRA to assign, track, report and audit the issues in the application.
* Developed automated unit test cases using Selenium 2.
* Responsible for solving the Production Bugs.

**Environment**:JDK1.6,XMI,Hibernate,SpringMVC,JMS,JBoss,Log4j,Eclipce,XML,XSLT,JAXP,JAX-RS,JSON,Jercy, Oracle 9i , Windows 7,Maven and JIRA

**DOL**, Washington DC **3/10 – 5/11**

**Senior Java Developer**

**Project**: OLMS Electronic Filing System (EFS)

EFS enable labor union annual report filers to enter data into the electronic forms and allow them to submit the forms to DOL for processing and publication. Filers can submit large amounts of data or automate the filing process, by importing properly formatted files directly into the forms.

**Responsibilities**:

* Participated in requirements walkthroughs, Design discussions, Code reviews and technical audit meetings.
* Developed UI screens using JSP, Servlets and Struts 2 framework.
* Developed the Action classes, Action Form classes.
* Designed and Developed Service layer to interact with EJB layer.
* Used Subversion for version control built application code using Maven.
* Used Stateless Session Bean to implement Business Process and interact with DAO layer for DB Access.
* Developed and deployed the Application components on Web Sphere.
* Monitored the error logs using Log4J and fixed the problems.
* Implementing the Design Patterns like Front Controller, Composite views to improve the performance.
* Involved in writing PL/SQL Stored procedures, triggers and views in DB2.
* Worked with production support team in debugging and fixing various production issues.

**Environment**: Java 5, JEE, Struts 2,JSP,Servlets,EJB 3.0, Java Beans, Web Services , Maven, Java Script, jQuery, CSS, XHTML, XML, RAD, DB2, JUnit, Log4j, CVS, Web Sphere

AXA, NY **2/06 – 9/09**

**Senior Software Engineer**

**Project**: Work Tracking System

Work Tracking System is an application catering to the needs of Operation teams. This project is useful to record the data precisely and also to know the life status of work that could be known on-line at any given point of time.

**Responsibilities**:

* Involved in Design, Development, testing and implementation of the complete business solution.
* Building Custom JSF UI Components.
* UI development with Java Server Faces (JSF 1.2).
* JSP development involving creation of custom tags and java beans.
* Developed Enterprise Java Beans (EJB) Stateless Session Beans, Entity Beans, Servlets and action classes interacting with EJB 2.0 using DAO design pattern.
* Developed SQL Queries, stored procedures, triggers and troubleshooting database performance issues on SQL Server 2005.
* Used ANT tool for building Application.
* Designed, developed and deployed the EJB components on IBM WebSphere6.0.
* Involved in Data migration and Data archival process.
* Used BUGZILLA to assign, track, report and audit the issues in the application.
* Responsible for solving the Production Bugs.

**Environment**: JDK 1.4, JSP, JSF1.2, JMS, JavaScript, Web Services, EJB 2.0,SQL Server 2005, RUP, RAD 6, IBM WebSphere5.0,IBM Rational Clear Case 6.0, Windows XP and BUGZILLA

**Aztec Soft**, CA **01/04 – 01/06**

**Software Engineer**

**Project**: Cummins Auto Services Ltd (CASL)

**Responsibilities**:

* Participated in project discussions and helped in defining the requirements.
* Developed custom components using JSTL.
* Used JSP for rich UI experience to the end user.
* Implemented form beans validation procedures in STRUTS framework.
* Developed JSPs as part of the UI layer and JavaBeans as data carriers.
* Written database functions, triggers and stored procedures in SQL server database.

**Environment**: Java, J2EE (JSP, JSTL), Struts, Web Logic Application Server, Eclipse, ANT, CSS, JavaScript, HTML, CVS and Oracle 8i and Windows XP

**EDUCATION:**

* Master of Technology in Information Technology
* Bachelor of Science in Computer Science

**TECHNICAL SKILLS:**

* **Frame work:** JSF 2.0, Spring 4.0,Spring Core, Spring AOP, Spring MVC, Spring Batch, Hibernate 3.6, Struts 2.0 and Open JPA
* **Technologies:** Java 8, JEE 6, EJB 3.0, JDBC, JNDI, JSP, Servlet, Servlet Filter, XML (DOM, SAX & JAXP)
* **UI Technologies:** HTML 5, CSS 3, JavaScript, ExtJS ,Ajax, jQuery, AngularJS, XML, and XPath
* **Cloud:** Amazon Web Services (AWS), VDI, EC2, S3, CloudWatch, Elastic Beanstalk.
* **IDE:** Eclipse, RAD 7.5/8, JBuilder and IntelliJ
* **App/Web Servers:** Web Sphere, Web Logic, JBOSS,Jetty and Apache Tomcat
* **Version Control Tools:** Git, Subversion (SVN), CVS, Rational Clear Case and Star team
* **Platform:** Linux, UNIX and Windows 2000/XP/7,AWS EC2
* **Testing Tools:** JUnit, Mockito, Selenium, Protractor, Cucumber, JMeter, TestNG
* **Integration Tools:** ANT, Maven 3 and IBM Clear Quest
* **Database:** Oracle, DB2, MS-SQL Server, MySQL
* **BigData:** Hadoop MapReducer, HDFS, Pig, Hive and Apache Spark
* **NoSQL:** HBase, MongoDB
* **SDLC Methodologies:** Agile, Waterfall and TDD
* **Single Sign On:** OAuth 2.0
* **Messaging Server:** Apache ActiveMQ
* **Web Services Framework:** Jersey and REST Easy