**VANI R**

**Sr. Java developer**

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**PROFESSIONAL SUMMARY:**

* **7 years** of experience in design, development and implementation of software applications using **Java, J2EE, technologies**. Having good experience in the Information Technology Industry and also participated in all phases of Software Development Life Cycle (**SDLC**) including analysis, design, coding.
* Experience in **Pair Programming, Test Driven Development, WATERFALL**, and **agile** methodologies like **SCRUM** and **KANBAN**.
* Conception and development of the main product of the company, a SaaS RIA written in using **spring, Hibernate** and **MySQL.**
* Good knowledge and hands on experience in **MVC (Struts 1.x), spring 3.x** and ORM (**Hibernate 3.0**) frameworks.
* Extensive knowledge of **XML-**based standards and protocols (such as WSDL and SOAP),**Service Oriented Architecture (SOA)**, development of **XSD** schemas and implementing both **SOAP and REST web services.**
* Extensive experience in using various **UML**, Rational Rose, **design patterns** and industry best practices such as MVC (Model-View-Controller), Singleton, Facade, Factory and DAO, DTO.
* Strong experience in **UNIX** and **Shell scripting**.
* Good documentation skills on both functional and business requirements.
* Expertise in Distributed and Web environments, focused in JAVA Technologies –**Java collections, Threads, J2SE, JDBC, Struts, Spring, Hibernate Framework.**
* Extensively experienced in Middle Tier Development using **Servlets, JSPs, and EJB.**
* Created **Restful** web services interface to Java-based runtime engine and accounts.
* Expertise in Web-Development technologies like **Servlets , JSP, JSON,JSTL,HTML, HTML5, JavaScript, CSS, CSS3,XML, XSL/XSLT, Angular JS, AJAX, JQuery**.
* Experience in using **DOM4J, JAXB, JAXP** parsing and **XML Bean** to process, validate, parse and extract data from **XML** files.
* Good knowledge and experience with multiple Servers **like IBM Web Sphere, IBM Web Sphere ESB (Enterprise Service Bus), Web Logic server, Apache Tomcat, JBoss.**
* Extensive experience in working **ID**E tools like **Eclipse, Net Beans, Intellij , RAD, WID (Web Sphere Integration Designer).**
* Extensive experience in implementation of the version control software **SVN, CVS, GIT, Rational Clear Quest and Rational clear case.**
* Sound knowledge on Amazon Web Services (**AWS)** Cloud services like **EC2, S3, EBS, RDS, VPC, and IAM.**
* Experienced in generating logging by **Log4j** to identify the errors in production test environment and experienced in **Ant, Maven and Gradle tools.**
* Hands on experience using Messaging Services like **JMS, MQ Series.**
* Proficient in RDBMS concepts and experience in working with **Oracle 9i/10g/11g, DB2 and MY SQL, PL/SQL, SQL\* Plus, Database triggers, Procedures, Functions**.
* Closely worked with Release Management Team in doing builds and deploying code into various environments like **DEV/QA/SIT/UAT/Prod**.
* Have excellent analytical, problem solving, communication and interpersonal skills, with ability to interact with individuals at all levels and can work as a part of a team as well as independently.

**EDUCATION:**

* Bachelor's of Technology, Andhra University, India.

**TECHNICAL SKILLS:**

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| **Languages** | C ,Core Java, J2EE, SQL, PL/SQL, UML |
| **Web Technologies** | JSON, JSP, Servlets, JNDI, JDBC, JSTL, JMS, JPA, EJB, Web Services, SOAP, REST, WSDL, JAX-RS, JSX-WS,HTML, HTML4, HTML 5, CSS, CSS 3, DHTML, Java Beans, JavaScript, Dojo, Angular JS, AJAX. |
| **XML Technologies.** | XML, XSL, XSLT, SAX, DOM, AXIS, Castor, XML Beans and JAXB |
| **Web/App. Servers** | Apache Tomcat 4.0/5.0/6.0, Web Logic 8.1/9.1, Web sphere 7.0,& RAD 8.5, JBoss |
| **IDEs** | Eclipse ,Intellij, Net Beans, Red Hat Developer Studio, WSAD, IBM RSA development IDE |
| **Tools** | TOAD, XmlSpy, Ant, PL/SQL Developer, Junit , JMock , Report |
| **Operating systems** | Windows, UNIX, Linux, Sun Solaris. |
| **Databases** | Oracle 8 / 9i / 10g/11g/12c, SQL, DB2, PL/SQL ,MySql, MS SQL Server 7.0, Sybase, MS-Access. |
| **Design Patterns** | MVC, Singleton, Visitor, Business Delegate, Service Locator, Session Facade, DTO, DAO, Factory Pattern |
| **Frameworks** | Struts, CSS Frameworks, Spring (Dependency Injection, Spring MVC, Spring Core, Spring Context, Spring AOP, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, DWR, Log4j. |
| **Version Control** | CM Synergy, Rational Clear Case, Rational Clear Quest, CVS, VSS, SVN, GIT |

**PROFESSIONAL EXPERIENCE:**

**Client: Sabre Airline Solutions, Dallas/Fort Worth, TX Jul2016– Present.**

**Role: Sr. Java Developer**

**Description:** Sabre Corporation is a travel technology company based in Southlake, Texas. It is the largest Global Distribution Systems provider for air bookings in North America. Sabre is mainly into Airlines, Cars, Hotels, Cruises etc. My project mainly covers hotels part where we used to develop multiple functionalities by connecting to different applications and those were consumed by large number of agents throughout the world.

**Responsibilities:**

* Participated in all the phases of **SDLC** from **Software Requirements** Phase to Design, **Implementation**, **testing**, **debugging** and **Documentation** during the Application development.
* Consumed **SOAP** based web services and tested them by SOAP-UI.
* Utilized **MOM**(Message Oriented Middleware) to connect through the different applications.
* Good understanding of **Apache Camel** routes to integrate with different systems.
* **Hibernate ORM** tool is utilized for persistence along with  **Spring MVC** to interact with back end on a Oracle12c database.
* Developed hibernate DAO Classes using Spring JDBC Template, Worked with Hibernate for object relational mapping and connection management.
* Used **Linux** and **Unix** commands in Cygwin and Mobaxtem terminals.
* Used Spring Inversion of Control, to make application easy to test and integrate.
* Used XSD to auto generate the java classes and JIBX, JAXB for the binding.
* Wrote complex SQL joins, Stored Procedures, Functions PL/SQL using SQL developer & TOAD, executed on Oracle Database.
* Good experience and understanding relational database modeling and design and ER diagrams.
* Developing the application using **Spring MVC Architecture** with Hibernate as **ORM** framework.
* **Jenkins** for continuous integration testing and familiar with the manual deployment as well.
* Utilized **Jmeter** for performance testing.
* **JMS** is used to send message objects to client queues and topics with the help of **MQ explorer.**
* Utilized **crucible** to review the code by team members after the development.
* Wrote test cases using **Mockito framework** and **Sonar** to measure the code coverage.
* Involved in deploying the code into various environments like **DEV/INT/CERT/PROD**.
* Utilized **Service Now tool** to raise requests for company specified applications.
* Used **S2C container** for building, testing and deploying application in local which is faster than tomcat.
* Used **GIT,SVN** for version control.
* Used **JIRA** for bug tracking, Rally to track the User stories.

**Environment**: JDK 1.8, S2C Container, Intellij, Spring Framework 3.0.5, JQuery, JSP, JavaScript, HTML5, CSS3, DOJO, SOAP based Web services, JAX-WS, GIT, ,JENKINS, hibernate, Oracle 12c, SQL developer, Log4j, Mockito, Sonar, JMS, MOM, Spring JDBS, Spring Security, Jmeter, Cygwin

**Client: AMERICAN EXPRESS ,Phoenix, AZ Nov 2015– Jun2016.**

**Role: Sr. Java Developer**

**Description:** The American Express Company, also known as Amex, is an American multinational financial services corporation headquartered in Manhattan. American Express offers world-class Charge and Credit Cards, Gift Cards, Rewards, Travel, Personal Savings, Business Services, Insurance and more. In this project, a new mechanism was developed so that customers can reload their prepaid cards and inquire about the balance and statement from the website. The mechanism can also be used in the future for other prepaid cards.

**Responsibilities:**

* Involved in **SDLC** Requirements gathering, Analysis, Design, Development and Testing of application using **Agile** Model
* Developed web application using **Spring MVC framework**.
* Implementation of Web Design based on **CSS3, HTML5**and **Bootstrap Front-End Framework**.
* Used Spring Inversion of Control, to make application easy to test and integrate.
* Used **Auto wired Pojo** and DAO classes with Spring Controllers
* Functionalities include writing code **in HTML, CSS, JavaScript, JQuery, Ajax, JSON, Angular, and Bootstrap** with **DB2 database** as the backend.
* Web application development for backend system using AngularJS with cutting edge **HTML5** and **CSS3 techniques**.
* Used **SpringIOC** (Inversion of Control) to remove the object Dependencies across the application.
* Utilized **Spring annotations** and **XML** configuration for Dependency Injection.
* Developing the application using **Spring MVC Architecture** with Hibernate as **ORM** framework.
* Used **Spring DAO** concept in order to interact with database **(DB2)** using **jdbc** template.
* Designed REST APIs that allow sophisticated, effective and low cost application integration.
* Involved in developing & exposing web services and also consumption of Web Services like **RESTFUL Web services.**
* Developed web services using **Restful** technology to support JSON and **XML** using JAX-RS.
* Used **Log4j** to print the logging, debugging, warning, info on the server console.
* Performed code review and unit tested the application using **Junit** framework.
* Created and managed development and continuous integration environments automated through **Jenkins** using Perl
* Used **CodePro** Analytics to make sure all the code maintain standards.
* Interacted with testing team to fix defects.
* Used **Web sphere Application** Developer for building, testing and deploying application locally.
* Involved in **bug fixes**, **enhancements** and **code refactoring**.
* Used **GIT** for version control.
* Used **JIRA** for bug tracking.

**Environment**: JDK 1.8, Web Sphere Application Server 7.0, IDE Eclipse, Spring Framework 3.0.5, Angular JS, JQuery, Bootstrap, AJAX, JSON, JSP, JavaScript, HTML5, CSS3, DOJO, RESTFUL Web services, JAX-WS, GIT, JAX-RS,JENKINS, hibernate, DB2, Log4j,JUNIT,JMOCK,JIRA.

**Client: SHERWIN WILLIAMS , Cleveland, OH Apr 2015-Oct 2015**

**Role: Application Developer**

**Description: Sherwin williams** company develops , manufactures and retail customers primilarly in North and South America. Migration of Processing of physical inventory is currently facilitated using various mainframe jobs and reporting functions into java for data processing. Information is retained on Mainframe IDMS, COBOL programs and Mainframe JCL facilitate the movement and storage of data into Oracle DB in the new solution Approach Platform will be Solaris OS.

**Responsibilities:**

* Involved in analysis, design and development and developed specifications that **include Use Cases, Class Diagrams, Sequence Diagrams** and **Activity Diagrams.**
* Extensive experience with **Agile Team Development** and Test Driven Development using **JIRA**.
* Use **Eclipse** as **IDE tool** to develop the application and **JIRA** for bug and issue tracking.
* Having good experience in building multi-threaded Java server side applications and frameworks.
* Used Open source products to build re-usable components that can be used as base application frameworks.
* Created **REST based** web services using **JAX-RS** library.
* Implemented data access tier using **SpringDAO**.
* Used **SpringIOC** (Inversion of Control) to remove the object Dependencies across the application.
* Implemented Singleton, **MVC**, Data Transfer Objects and Data Access Objects **design patterns**.
* Develop and enhance intelligent search algorithms.
* Created **Rest** based controllers to handle the incoming request and output the response.
* Designed REST APIs that allow sophisticated, effective and low cost application integration.
* Implemented **the integration of web services API** and hands on experience with **Restful** web services.
* Using **Web Sphere** portal design and develop application projects
* Developed **GUI** using **JSP, JavaScript, JSF, HTML5, AJAX, XSL, Angular JS** and **CSS3**.
* Extensive use of **JDBC** to communicate to the Database for storing and retrieval of information
* Used **Log4j** to print the logging, debugging, warning, info on the server console.
* Used **SVN** for version control.
* Used **Maven** to build, run and create **JARs** and **WAR** files among other uses.
* Coordinating with offshore Team.
* Wrote unit test cases using **Junit, JMock** and acceptance tests using **STIQ**.
* Supported the application across multiple environments like **QA, UAT and Production**.

**Environment:** Java, JDK 1.8, Core Java, TOMCAT8.0 ,JENKINS, Oracle, JSON, XML, Solaris OS, SVN, JIRA, RESTFUL web services, Spring MVC, DTO, JAX-RS, Collections, Maven, JDBC, DB2, Log4j, Junit , JMock.

**Client: SHIRE GENETIC THERAPHY, Lexington, MA Aug 2014-Mar 2015**

**Role: Sr. Java Developer**

**Description:** Shire Genetic Therapy enable people with life-altering conditions to lead better lives and focus on developing and delivering innovative medicines for patients with rare diseases and other specialty conditions. Shire priorities are to drive optimal performance of our existing products, increase patient access to these medicines, and to build pipeline through research and development in order to deliver new medicines to patients.

**Responsibilities:**

* Reviewing Business Requirements, Functional Specifications and creating Detailed Design documents for development.
* Configured Deployment Descriptor (web.xml) for the applications.
* Configured **spring beans** following the Spring framework's Dependency Injection **(DI)** and Inversion of Control **(IOC)** principles, both xml and annotation based.
* Used Factory pattern to support Multi-Tenancy.
* Designed and developed custom **spring bean** resolvers for handling tenant specific requests at runtime.
* Implemented custom resource bundle message resolver for multi-lingual and multi-tenancy support.
* Developing presentation layer with **JSPs, HTML5, JavaScript, CSS3, JQuery, JSON, AJAX, Spring Form tags, Tiles** and **JSTL tags.**
* Implemented **the integration of web services API** and hands on experience with **Restful** web services.
* **JQuery & Ajax** are used intensely for producing responsive User Interface.
* Configuring Tiles definitions for the application's presentation layout.
* Developing **Spring MVC** Controllers for handling of web requests from the presentation layer by use of URL Handler Mapping.
* Writing validation classes to check against the request submitted for communicating to the user with appropriate validation messages.
* Developing service layer by understanding complex business logic.
* **DAO layer** development using **Hibernate**, HQL and their respective mapping/annotations and configuration files.

**Environment:** JDK 1.7, Hibernate 4.1.9, Spring 3.5, Spring MVC, AJAX, JSP, JQuery, JSON, Tiles, JSTL, Web Services, Restful web Services, WS-Security, SVN, SQLServer-2005/2000 T-SQL, JBOSS AS 7.1, MULE ESB 5.5 Maven 2.0, JavaScript, XML, XSD, DHTML, CSS3, HTML5.

**Client: GUARDIAN LIFE INSURANCE, New York, NY Apr 2013 – Jul 2014**

**Role: Sr. Java Developer**

**Description:** Guardian Life Insurance is one of the largest mutual life insurance companies in the United States. Guardian sells a variety of products including life insurance, disability insurance and dental insurance. The project involves developing online services for Life insurance like get a quote, buy insurance, make a payment, manage policies and claim a report. Users can get a quote online and buy the insurance online.

**Responsibilities:**

* Involved in deriving at class diagrams and sequence diagrams during the design phase of the project using UML.
* Attended discussions with the client to discuss and understand various components of the requirement and to implement the same.
* Status report was provided to the manager/Scrum master regarding the progress of the task assigned at both the beginning/end of the working day. **JIRA tickets** were created and tasks were completed in the assigned time.
* Used UI such as **JavaScript** for enhancing the user interaction with the application and for client side validation. Coding, Testing and implementing new functionalities for new requests in the Application.
* Actively participated in the implementation, maintenance and testing phases plan generation using **Struts framework**.
* Enhanced user interfaces to enable input of additional personal information for the purpose of plan generation using **CSS, HTML, HTML5, DOJO, JavaScript, AJAX, and Angular JS**.
* Used **web service** calls using **Java Web Services RPC** and **Apache AXIS** client packages. Generated Client classes using WSDL2Java and used the generated Java API.
* Used **SVN** version controls to check in/out files, etc. also responsible for branching, merging the branch to main using Tortoise SVN tool.
* Used **data modeling** for creating a data model by applying formal data modeling techniques.
* Experience in application servers like **TOMCAT** locally and Web logic to host it on the Linux server.
* Involved in creating and extracting data from database using **SQL Queries, PL/SQL Stored procedures, triggers,** and **packages** on **Oracle** database.
* Implemented **Hibernate** in the data access object layer to access and update information in the Oracle Database
* Extensively used **log4j** to log regular debug and exception statements.
* Performed code review and unit tested the application using **Junit** framework.

**Environment:** Java 1.6 ,Struts 1.2, J2EE,DOJO, HTML, Hibernate, JSP, JSTL, AJAX, JQuery, Oracle, Rational Clear Case, tomcat, Eclipse, ANT, Apache Tomcat, SVN, SOA, Oracle, XML 1.x, JAXB 2.x, XSLT 1.x, SOAP 1.3, WSDL 2.0, JAX-WS.

**Client: BANK OF INDIA, Hyderabad, India. Aug 2011-Mar 2013**

**Role: Java Developer**

**Description:** This application is a Web-based software tool for managing operational risks of all the financial manipulations of the bank. This provides a single turn-key Java-based that enables providing integrated solutions across all asset classes.

**Responsibilities:**

* Understanding and analyzing business requirements.
* Designed use case diagrams, class diagrams, and sequence diagrams as a part of Design Phase using **Rational Rose**.
* Developed the credit check module using **Servlets** and **JSP**& Core Java components in **Web logic Application Server.**
* Developed the **custom tag** to display various campaigns on Credit care Sign on and Welcome bpage.
* Involved in injecting dependencies into code using **spring core module**.
* Involved in developing code for obtaining bean references in spring framework using Dependency Injection **(DI)** or Inversion of Control **(IOC).**
* Formulated Use Cases for each business requirement and normalized the use cases to suit the requirements.
* Created and maintained mapping files, persisting classes and transaction control in **JDBC** to access the database.
* Developed DAO objects and implemented data access layer using JPA-Hibernate to perform CRUD operations
* Implemented **Servlets** to handle **HTTP** requests for on-line requests, credit card payments, registration and bug tracking.
* **CSS** is used to style **Web pages, XML markup**.
* Extensively worked with XML schema**(XSD), XSL/XSLT, XML** to navigate in **XML documents**, and **SAX** to process and parse xml files
* Used **JMS-MQ Bridge** to send messages securely, reliably and asynchronously to **Web Sphere MQ**, which connects to the legacy systems.
* Developed **Message Driven Beans** for asynchronous processing of alerts.
* Extensively worked on Java server side programming using **Servlets** and **JSP**.
* Developed web services **SOAP, WSDL** and **web services** clients using **JAXB and XML**, implemented **SOA** architecture.
* Developed **mail alert** mechanism for alerting the users when their selection criteria are met.
* Created and implemented **PL/SQL queries, views stored procedures** and **triggers**.
* Used**Log4J** logging framework to write Log messages with various levels.
* Deployed **web components**, presentation components and business components in **Web Logic Application Server**.

**Environment:** Java / J2EE, Servlets , JSP 2.5, EJB 2.0, JDBC, Spring 2.5, Log4J, JavaScript, JUnit, CVS, Rational Rose (UML), Oracle , Web Logic Server 10.0, Eclipse IDE, Ant, XML/XSD, Jax-ws(SOAP) web services, SAX.

**Client: PNB HOUSING FINANCE LTD, India Sep2009-Jul 2011**

**Role: Java/UI Developer**

**Description:** This company offers premium solutions for relieving the borrower segment. The Home Loan Life Insurance Plan of this has come in conjunction with TATA AIG, with the lowest premium when compared to the peers.

**Responsibilities:**

* Developed web pages by using **HTML, XHTML, CSS** and **JavaScript**.
* Involved in working with **HTML, CSS** layouts and also made use of JavaScript for developing user interface forms.
* Developed web page applications using **JavaScript frameworks** having thorough knowledge of JavaScript.
* Created **XHTML** pages with **CSS** and the **Box Model**.
* Involved in developing **XUL, HTML**, and **JavaScript** for client side presentation and data validation on the client side within the forms.
* Developed user interface using **JSTL, HTML, Java script,JQuery and CSS.**
* Used **J2EE design patterns** like Factory pattern & Singleton Pattern.
* Achieved **MVC pattern** using **Spring MVC** architecture.
* Used **Hibernate** as an O/R mapping tool for selecting, inserting and updating the records in the database.
* Involved in **bug fixing** and resolving issues with the **QA** and **production** environment during production support.
* Worked on **UML diagrams** like Class Diagram, Sequence Diagram required for implementing the **Quartz scheduler**.
* Defined and developed the applications presentation layer using **HTML, CSS** and **JavaScript**.
* Worked with business analyst very closely to make sure the technical requirement of the project.
* Used **JavaScript and Ajax** to write client side validations.
* Coded **JavaScript** for page functionality and pop up screens and used **HTML** to make dropdown menus on web pages and display part of a web page upon request.
* Designed, developed and implemented CSS based layouts.
* Developed **UI** with JSP and JSP tag libraries to simplify the application complexity.
* Used **jQuery** to traverse through a **DOM tree** and manipulated the nodes in the tree.
* Understanding the compatibility of cross browsers and working with the issues of various browsers.
* Making request to the server by implementing **AJAX** in the web pages.
* For widgets, menus, user interface and forms made use of **jQuery plugins**.

**Environment:** HTML, XHTML, CSS, JAVASCRIPT, Java, Struts, Groovy, Spring, Hibernate, JQUERY, JSON, ECLIPSE, DREAMWEAVER, XML, XUL AJAX.