Drakshayani.S

drakshajavauidev93@gmail.com

Mobile: +1 (510) 309 8480

8 plus 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 in domains like Healthcare, Insurance etc.

SUMMARY:

- Extensive experience of designing and developing software applications with the **JDK1.6/1.5/1.4/1.3, J2EE1.4/1.1, EJB, Annotations, Java, JSP,CRM, Servlets, Java Beans, JNDI, AJAX, JMS, ORM, JNDI, Web services, JDBC, JAXP, RMI, XML, JavaScript (AngularJS and Bootstrap), jQuery, CSS, AWS, Web Services, SOAP.**
- Experienced in a fast paced **Agile Development** Environment including **Test-Driven Development (TDD) and Scrum**.
- Proficient 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.
- Responsible for designing Presentation Tier (web pages) using the concepts such as **Themes, Skins, HTML, XML, CSS, Java Script and jQuery** using AJAX.
- Extensive experience in **developing JEE** based **Web Services** to expose useful functionality to web users through **SOAP**, **describing them using WSDL**, **registering them using UDDI** for easy availability to potential users and **consuming** using **Axis2 and JAX-WS**
- Good Working experience in using different modules like **Spring Core Container Module, Spring Application Context Module, Spring MVC Framework with STS module, Spring AOP Module, Spring ORM Module**etc. in Spring Framework.
- Strong Programming Skills in designing and implementation of multi-tier applications using **Java, J2EE, JDBC, JSP, JSTL, HTML, JSF, Struts, JavaScript, Servlets, JavaBeans, CSS, EJB, XSLT, JAXB.**
- Strong with **REST Web services** architecture and using it with Spring MVC and different response formats
- Strong **Object Oriented Analysis and Design (OOAD), ERD documentation, UML artifacts modeling** with **Rational Rose** and **Enterprise Architect**. Applied the requirements engineering, analysis, and design disciplines of the **RUP to J2EE** projects.
- Experienced in implementing Organization DevOps strategy in various operating environments of Linux and windows servers along with cloud strategies of **Amazon Web Services**.

- Experience in writing numerous test cases using **JUnit** framework with **JPROB** integration
- Worked on IDE's such as **Eclipse/My Eclipse, WSAD/RAD and JBuilder** for developing, deploying and debugging the applications.
- Good working knowledge of persisting java objects using **Hibernate** that simplify data storage and retrieval to the underlying database.
- Implemented various levels of application and services using **Spring-Framework (2. 3), EJB3, Struts2 and ORM tools like Hibernate 3.0** for fast pace and efficient code generation.
- Worked on various **XML technologies** i.e., writing **DTD, Schema, Namespaces, XSL, Xpath, Xlink, XQuery, XHTML** and SAX, DOM, JDOM parsers.
- Experience in designing and implementing various levels of applications and services using **Main Framework**.
- Experience in Customer Relationship Management **(CRM).**
- Experience in Scripting languages like **Angular JS , React JS and Node JS.**

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- Experience working with databases such as **MongoDBOracle 8.x/9i/10g, MS-SQL Server 2008/2005MySQL** and using **PL/SQL** to write stored procedures, functions and triggers for different Data Models.
- Experience in database related work primarily creating complex **stored procedures, Views, Triggers, Functions, using PL/SQL.**
- Experience in Configuration Management, setting up company Version policies, build schedule using **Clear Case, SVN, CVS and Git.**
- Expertise working on Application servers and Web servers like WebLogic 8.x/9.x/10.x, Apache Tomcat 5.x/6.x/7.x.
- Excellent written and verbal communication skills, presentation and problem solving skills.
- Strong communication & relationship management skills, enthusiastic & self-driven, with a high degree of commitment.

Technical Skills:

Web Technologies	: J2EE, XML1.0/1.1, XSLT, EJB1.1/1.2, JSP1.1/1.2, Servlets 2.0/2.3/2.4/2.5, Java (JDK 1.1/1.2/1.3/1.4/1.5/1.6), JMS, JNDI, JavaScript, HTML, Java Server Faces (JSF), Hibernate, Spring, JDBC 3.0, SQL, Angular JS, React JS, Node JS.
Application Server	: **WebLogic** 8.x/9.x/10. x. JBOSS 3.x/4.0, IBM Web Sphere 4.0/5.x/6.x.
Web Server	: Java Web Server 2.0, Apache Web Server, ANT, Tomcat 6.0, Glassfish
Languages	: **JAVA**, C, C++, Shell scripting, UML.
Databases	: **Oracle** 8.x/9i/10g Enterprise Edition, MS-SQL Server 2008/2005, DB2.
Tools	: Rational Rose 2000, JBuilder 3.5/5.0, Visual Cafe 4.0, Visual Age Java 3.5, eclipse 3.X,MS-Office, Front Page, Ultra Edit-32, Clear Case, iReport - 1.2.5,Jasper Assistants, Apache Spark, LiveLink, eMatrix, Ant, WinCVS 1.2, TOAD 5.0/8.0, Erwin, XML SPY, Code Check, Jtest, Jprobe suite 5.1 (Memory Debugger, profiler),Squirrel SQL Client, Maven 1.1 /2.0, My Eclipse 5.1,Net Beans.
Operating Systems NT	: UNIX (Sun Solaris 2.6/2.8), Unix-HP, Linux 3.1, UNIX Scripting, Windows 4.0, Windows.
Version Control Tools	: CVS, SVN, Clear Case, Git.

EDUCATION:

Bachelor's Degree in Electronics & Communication

PROFESSIONAL EXPERIENCE:

Valspar, Mineapolis, MN   Sept 2016 to Tilldate
Role**: Sr.JAVA UI developer**
Project: Valspar

Description:The Valspar Corporation is an American international manufacturer of paint and coatings. The backend of valspar website was developed in Java using J2EE with Spring MVC framework. The module for shopping cart was developed using the technology. The agricultural products selection, catalog maintenance of products and order processing in the portal were the responsibilities. Have exposure to B2B business in the environment.

Responsibilities:

- Designed the application using **Agile Methodology**
- Followed **Agile Scrum** methodology that included iterative application development, weekly Sprints and stand up meetings.
- Developed Front endusing **Angular JS.**
- Developed **CIPHER Encryption, DECRYPTION** algorithm using **AES/DES**.
- Developed the enterprise application by integrating **JSF/Spring/Hibernate Frameworks.**
- Heavily used the Dependency Injection feature provided by **spring** framework for bean wiring.
- Used **Spring** framework's **JMS** support for writing to **JMS Queue, Hibernate Dao** Support for interfacing with the database and integrated **spring** with **JSF.**
- Added interactivity to the UI pages using **JavaScript.**
- Developed Contract first Web Services using **Spring-WS** to communicate with Database Tables.
- Provided a new Web Service and Client using **Spring-WS** to get the alternate contractor details.
- Worked on Restful web services which enforced a stateless client server and support JSON (few changes from SOAP to RESTFUL Technology) Involved in detailed analysis based on the requirement documents.
- Wrote AngularJS controllers, views, and services
- Used Java Messaging Services **(JMS)** for reliable and asynchronous exchange of important information.
- Extensively worked using **AWS** services along with wide and in depth understanding of each one of them.
- Participating development of FIX messages processing engine.
- Implemented **JMS** listeners to connect to the **Tibco JMS** queues for producing and consuming JMS messages.
- Used **Spring-JDBC** configuration to manage some transactions across multiple databases.
- Designed and developed the service business process and data access to Oracle database and back-end layers with **JAXB, JMS and XML.**
- Used **Maven** for building the applications **EAR** for various environments.
- Designed, developed **JSP**, **Servlets** and deployed them on **JBOSS Application Server.**
- Used **Spring ORM** Support for **Hibernate** to manage efficiently Hibernate Resources and consistent exception Hierarchy.
- Used HTTP for coordinating Internet engineering task force
- Designed and created Hibernate persistence classes using **Hibernate API.**
- Wrote Stored **Procedures/Triggers/Functions** using **SQL and PLSQL**Navigator to perform operations on **Oracle 10g** database.
- Participating development of FIX messages processing engine.
- Used **JUNIT** extensively and defined various Test Suites and Test Cases.
- Used **Log4J** to trace the flow of the application.
- Deployed application on **BEA WebLogic Application Server 9.2** to get efficient performance.
- Used Subversion for version control across common source code used by developers.

Environment: JDK 1.6, JSF 1.2, JBoss, Spring-Jdbc 2.5, Spring-ws-core 1.5, Wsdl4j, SOAP, JMS, Spring 2.5, fix, Hibernate 3, Maven 2, Log4J and JUnit 4.4, Eclipse, Angular JS, Oracle10g, Subversion, AWS, tortoise SVN, Mercury Quality center, BEA WebLogic Application Server 9.2.

Optum, Sanjose, CAMay 2014 to July 2016
Role: Sr.Java UI Developer
Project: Medical

- **Description:**

Optum is powering modern health care to create a healthier world, the innovation arm of Optum and UnitedHealth Group this is a cross-functional department across OptumInsight, OptumRx, and OptumHealth, Health Data Analytics, Pharmacy Benefit Manager, Healthcare delivery services and support including OptumCare, home to the organizations acquired staff model and IPA model physician groups, and ancillary services (Behavioral Health and Substance Abuse, Dental, Vision, Transplant Management).

Responsibilities:

- Designed and developed UI screens with **Struts** to provide interactive screens to display data.
- Actively involved in **Agile Methodology** which includes weekly Sprints and stand up meetings.
- Used **Maven** for building the applications **EAR** for various environments.
- Designed and created Hibernate persistence classes using **Hibernate API.**
- Wrote Stored **Procedures/Triggers/Functions** using **SQL** Navigator to perform operations on **Oracle 10g** database.
- Deployed application on **Glassfish Server 3.1.2** to get efficient performance.
- Used Subversion for version control across common source code used by developers.
- Involved in the development of presentation layer and GUI responsive development using **JSP, HTML5, and CSS/CSS3, Node JS.**
- Used Dependency Injection feature of Spring MVC framework and O/R mapping tool Hibernate for rapid development and ease of maintenance.
- Developed and implemented the MVC Architectural Pattern using Struts Framework including JSP, Servlets, EJB,   Form Bean and Action classes.
- Developed the DAO layer for the application using Spring Hibernate Template support.
- Used **JSP** Tag Libraries (JSTL) to implement the logic inside the JSPs.
- Used the **JSF / Rich faces** for developing the webpages.
- Used Spring MVC and Web Flow to bind web parameters to business logic.
- Used plain **JavaScript** and **JQuery**, JavaScript Library to do the client side validations.
- Developed Web Services using **REST, SOAP, WSDL and XML**.
- Used AJAX to get the data from the server asynchronously by using JSON object.
- Worked on Oracle10g database for storing and retrieving the application data.
- Involved in configuring JMS and JNDI in rational application developer.
- Performed building and deployment of **EAR, WAR, JAR** files on test, stage systems in **Glassfish** Application Server.
- Used **GIT** as a version control system, an important component of Source Configuration Management (SCM).

Environment: JDK 1.7, JSF2, JBoss, Spring-Jdbc 2.5, Spring-ws-core 1.5, Wsdl4j, SOAP, JMS, Spring 2.5, fix, Hibernate3,Maven2, Log4J and JUnit 4.4, NetBeans,JDBC,Oracle10g, Subversion, Git, Glassfish Server 3.1.2,Toad,AJAX.

Mohawk Industries Inc, Atlanta, GAJune 2013 to March 2014
Java UI Developer
Project: Flooring industry

Description: Mohawk Industries (NYSE: MHK) is an American flooring manufacturer based in Calhoun, Georgia, United States. Mohawk produces floor covering products for residential and commercial applications in North America and residential applications in Europe. The company manufacturing portfolio consists of soft flooring products (carpet and rugs), hard flooring products (ceramic tile, natural stone and hardwood flooring), laminate flooring, sheet vinyl and luxury vinyl tile.

Responsibilities:

- Analysed work by developers and suggested improvements and modifications.
- Used **MVC** based **STRUTS** framework for Web tier development using Eclipse IDE.
- Reviewed process requirements and formulated accurate estimates for implementation.
- Developed cloud computing applications through **NoSQL**, Hibernate and other platforms.
- Created web pages using **CSS, HTML, JAXB** and worked on interfaces like **JSON**.
- Demonstrated expertise and advanced understanding of **J2EE, Tomcat**, HTML 5, Angular JS.
- Documented and ensured safety and security of cloud computing applications.
- Used complicated methodologies such as **Agile** for testing and implementation.
- Worked on codes within servers and evolved solutions for complex issues.
- Built **XML** based data exchanges; used **DOM** for parsing and **XML** creation out of Java code.
- Communicate with the clients on modules, requirements and change requests for any queries on either side.
- Preparing low-level design documents like sequence diagrams, object reference document, program specifications and class diagrams based on the functional requirements document.
- Environments setup for **Dev, QA** and production for newly develop module
- Integrate web component with different queue based messaging services.
- Perform peer -- document reviews and code reviews.
- Responsible for **QA**/production release
- Prepared Unit test cases.
- Used **TOAD** for **PL/SQL** query, stored procedures and functions in **Oracle** as database.

Inek Technologies, Hyderabad, IndiaJan 2012 to April 2013
Java UI Developer
Project: Supply Chain Finance

Description: The Project Supply Chain Finance is developed to provide a web-based front-end for document (Baseline and Dataset); creation and exchange; between trading partners via SWIFT Net TSU. TSU which is a collaborative workflow engine designed for the banking community, to provide competitive Supply Chain services to their customers will provide an engine for data matching and workflow. The matching engine will match data derived from corporate documents and the workflow engine will provide a tracking mechanism. The added functionalities in the project are Business form creation and conversion, Transaction status and message status management, Incoming and outgoing message management, E-Mail alert generation.

Responsibilities:
- Involved in various **Software Development Life Cycle** (SDLC) phases of the project which was modeled using **Rational Unified Process** (RUP).
- Generated Use Case Diagrams, Class Diagrams, and Sequence Diagrams using **Rational Rose**.
- Worked on the UI for the Provisioning feature using Jakarta **Struts Framework** which is based on **Model View Controller design pattern**.
- Used the **Struts Validation** for validation of user input in the MVC Layer
- Implemented the template-based categorization of presentation content using **Struts-Tiles. MVC** implementation using **Struts** framework.
- Implemented workflow system in a **SOA** environment, through web services built using **Axis2 for SOAP over HTTP** and **SMTP**. Configuration and deployments of AXIS2 components on web sphere application server at class loader level, and used the same to build and consume the web services (both synchronous and asynchronous).

- Developed CWS and PWS web services **(JAX-WS, REST, JAX-RPC)** like CRUD operations of User, Enterprise, Transaction Status, Authorization Service end to end, using different **JAX-WS** standards with clear understanding on **WSDL (type, message, port Type, bindings, and service).**
- Extensively used **Hibernate** in data access layer to access and update information in the database.
- Used **Spring MVC developed with STS 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 with Active MQ Series
- Implemented the EJB 3 Session beans for business logic an MDB's for the Messaging Service
- Implemented various design patterns in the project such as **Business Delegate, Session Façade, Data Transfer Object, Data Access Object, Service Locator** and **Singleton**.
- Designed various tables required for the project in **SQL server** database and used Stored Procedures and Triggers in the application.
- Write new plug-in classes accessed by action classes. Apply the test first methodology on the same using **JUNIT4**
- Performed unit testing using **Junit** framework and used Struts Test Cases for testing Action Classes.
- Used **Ant** scripts to build and deployed on **WebSphere** Application Server.
- Monitored the error logs using **Log4j** and fixed the problems.

Environment: JDK 1.5, Servlets, EJB, XML, SOAP Web Services, JQuery, JMS, Struts 2.1, Hibernate 3.0, Spring 2.5, SQL, Web Service(JAX-WS), HTML, JSF 2.0, AJAX, JavaScript, CSS, SVN, SQL Server, Adobe Dreamweaver CS5, ANT 1.7, IBM Web Sphere Application Server 6.1, TCPMon, Soap UI, Visio, Rational Rose, Log4j.

Aviva Life Insurance, Bangalore India   **Oct 2009 to Dec 2011**
Java UI Developer

Description: The Aviva Life Insurance India is widely recognized Insurance provider. It markets best healthcare products with quality business. Worked on wide range of health insurance plans and developed application based on J2EE along Java, JSP and MVCon the technology. Groups and individuals can choose from a variety programs. The project is to design their website with the information of various health plans listed under different plans and also create login for each individual8

Responsibilities:
- Actively involved in SCRUM's and Sprints of Agile Methodology.
- Created detailed design documents **(UML** diagrams like Use case, Class, Sequence, and Component diagrams**) using Rational Rose.**
- Involved in design activities that is HLD (High Level Design) and **LLD** (Low Level Design).
- Designed and developed front end using **JSP, JSTL, EL,** and other **custom tag libraries**.
- Expertise in Web Page development using **XML, XSLT.**
- Involved in Web Page development using YUI Library.
- Involved in injecting dependencies into code using concepts like **IOC** of **Spring** Framework
- Designed asynchronous messaging using **Java Message Service (JMS)** to exchange of critical business data and events among J2EE components and legacy system.
- Expose and Consume **RESTweb services** to get the data from different contracts from different clients and also expose the warehouse inventory details for consumer tracking
- Used **Spring MVC** in the Web Layer
- Involved in configuring and deploying the application using *WebSphere.*
- Involved in integrating the business layer with DAO layer using **Hibernate ORM.**
- Transaction Management using the **Hibernate configurations**

- Responsible for development of configuration, mapping and Java beans for Persistent layer **(Object and Relational Mapping)** of **Hibernate.**
- Involved in Writing and reviewing unit test cases using JUnit**.**
- Used **CVS** as version control system to check in and checkout the data.
- Write and modify database **stored procedures, triggers, functions,** and **PL/SQL Scripts.**
- Created **Forms** and **Reports** using **Oracle.**
- Involved in writing shell scripts for deploying application on UNIX**.**
- Involved in build management and build resolution activities of e-commerce project.
- Involved in Smoke Testing, Testing, bug fixing and documentation of the system

Environment: JDK 1.5, Spring framework, Hibernate, Web services (REST), RAD, XML, XSLT, Expression Language(EL), JMS, WebSphere 6.1, MQSeries, Rational Rose, WindowsXP, ANT, JavaScript, HTML, JUnit, CVS, Log4J, YUI library, AJAX, CSS, Eclipse IDE, and DB2.