**Rajiv**

**Professional Summary:**

* Over 7+ years of professional software development experience in the analysis, design, implementation and testing of Object Oriented Applications.
* Strong knowledge in core aspects of Java: Swing, Collections, Multithreading, Exception Handling.
* Hands on experience in Java SDK, JDBC, **Hibernate**, **EJB**, **JNDI**, Spring, JSF, **Web Services** (UDDI, SOAP, REST, WSDL, Apache CFX), AXIS, HTML, JavaScript.
* Strong expertise in Algorithms, data structures and excellent problem solving skills.
* Good experience in using tools like **ANT**, **JUnit**, **Log4J**.
* Extensively worked on **XML Technologies** like XML Parsers(SAX, DOM), XSL, XSLT,   
  JAX-WS/RS.
* Solid working knowledge on **Spring Framework**, using modules Spring-Core, AOP, Webflow, Security, MVC and DAO
* Solid experience in developing web applications using **Struts Framework** implementing Action Classes, Action Forms, Struts Validation Framework, Tiles and Tag Libraries.
* Good experience with IBM Websphere, Oracle Weblogic, JBoss, Tomcat **servers**.
* Solid experience in **database design** and creation of schemas, writing stored procedures, functions, triggers, DDL and DML SQL queries.
* Strong knowledge with development in **Agile** methodology and Multi-tier applications.
* Experienced in **MS Azure** and **AWS** cloud platform and its features which includes EC2.
* Experience with J2EE complaint **IDE**s: Eclipse, IBM RAD and JDeveloper.
* Experience using **cross-browser testing tools** like IETester and FireBug;**version control tools** like SVN, CVS, Clear case;**job scheduler** likeAutosys;**quality management tools** like Mercury Quality Center and HP Quality Center.
* Experience in creating Use Case, Class diagrams using tools Microsoft Visio and Rational Rose.
* Excellent ability in writing specifications and gathering requirements from the user and implement the requirements in software applications. Also in preparing test case scenarios, internal documentation and in the application production support.

# TECHNICAL SKILLS:

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| --- | --- |
| Languages | C, C++, Java/J2EE, C# .Net, Perl, Python |
| Spring related | Spring-Core, Spring AOP, IoC, Boot, Spring MVC |
| Frameworks | Struts 1.x, Struts2.x, Spring, Hibernate 3.x/2.x, Grails |
| Databases | Oracle, DB2 , MySQL, MS SQL Server, MS Access VBA, MongoDB |
| Web technologies | JSP, Servlets, JDBC, Java Beans, HTML, JavaScript, AngularJS, AJAX |
| XML technologies | XML, XAS, DOM, XSL, XSD and DTD |
| System Designing Tools. | UML, Rational Rose |
| Other technologies | RESTful, SOAP, WSDL |
| IDE | Eclipse 2.x/3.2, Net Beans, IBM RAD, JDeveloper |
| App Server | WebSphere 6.1/7/8, WebLogic 10.x/11.x,JBoss |
| Web Server | Apache Tomcat, Java Web Server 2.0 |
| Tools/Version Controls | JUnit, Ant, Maven, UML, CVS, SVN |

**WORK EXPERIENCE:**

**TIAA Cref, Charlotte, NC March 2015– till date**

**Sr.Developer**

**Project:**Financial Planner

**Description:** It is a web application that provides advising service to the customers on retirement, insurance, education and so on. It provides the plan details and offers quotes based on the information provided by the customer.

**Responsibilities:**

* Involved in analysis and preparation of design plans for new enhancements.
* Actively involved in discussions and meetings with analysts and associates.
* Worked in the design and development of Web Service classes by using Service Oriented Architecture **SOA**, **WSDL**, **UDDI, CFX** and **SOAP**.
* Used **Spring** framework for dependency injection and to interact with NoSQL database **MongoDB** using **Hibernate**.
* Implemented business logic on server side using **Session Beans** and Entity beans.
* Used **Hibernate** to persist data into the database.
* Designed and developed optimized UI screens for various tools using JSF **PrimeFaces**, **JSP, ExtJS**, **JavaScript**, **NodeJS**,**HTML**.
* Created dynamic views using **AngularJS**.
* Used **Bootstrap** to develop responsive UI.
* Wrote database schema and used NoSQL database **MongoDB** at the backend. Used MongoDB’s Java API to connect to the database from front-end.
* Improved the existing database by writing new user functions and stored procedures.
* Writing **Scala** classes to interact with the database.
* Generated Scala classes from respective APIs and incorporated in the application.
* Incorporated Login authentication by using **JSP** and to retrieve saved quotes.
* Used **Camel** framework for integration and routing and improving the performance of the system, integrating applications using JBOSS **Fuse**.
* Developed and implemented the **MVC** Architecture pattern using **Spring MVC** Framework including **JSP**, **Servlets** and **Action** classes.
* Created Requirement Traceability Matrix for development of each use case.
* Developed Action Forms, Action Classes and Servlets based on **Struts** Framework.
* Integrated **Jive** along with other web technologies.
* Extending **Jive API** for **Spring** bean configuration to load data.
* Integrated MyEclipseBlue with websphere application server.
* Used Spring AOP to implement security.
* Worked on migration to **MS Azure** cloud.
* Designed and implemented the Web Services using **Axis2** Soap Engine to integrate with the backend systems.
* Implemented integration techniques using Apache **Camel** and Active MQ techniques.
* Involved in Unit Testing, Integration Testing and System Testing.
* Involved in writing **Maven** build file to build and deploy the application and **Jenkins** for continuous integration.
* Performance tuning of the application through refactoring and using **JProfiler** tool.
* Used **Git**for version control and **Log4J** for logging.
* Wrote build and deployment scripts using shell, **Perl** and **ANT** scripts and involved in the performance analysis and bug fixes.
* Responsible for the build and deployments in WebSphere application server in different environments.
* Deployed WARs and configured application specific JVM settings and parameters using admin console and WebSphere admin scripts.

**Environment:**Spring 3.0, Web Services- Rest, JAX-WS, SOAP,AXIS 2, CFX, Camel, SOAP, JMS, JDK1.6, JDBC, HTML, XML, XSLT, Hibernate, Jive, JUnit Test Cases, WebSphere, Unix, Rational Clear Case, Maven, Jenkins.

**Homesite Insurance, Boston, MA November 2013 -February 2015**

**JavaDeveloper- Associate**

**Description:**It is an enhancement to the existing portal and implemented a few new tools like the quick quote tool, retrieving saved quotes,branch report association table implementation, etc.

**Responsibilities:**

* Involved in gathering requirements, analysis and design.
* Implemented J2EE standards, **MVC** architecture using **Struts** framework.
* Implemented **JSF** and **Ajax** to design the UI.
* Developed the Web Application using **Struts** Framework by creating Action classes, Form beans and configuring the action mappings. Intregrated**ICEfaces** framework.
* GUI design and development using Java **Swing (JIDE)**.
* Implemented **JTree** menu and the content is configured from the external XML file.
* Modified existing databases, stored procedures, tables, indexes according to the function requirements.
* Performed necessary validations of each screen developed by writing Triggers, Procedures and Functions available along with objects, events and methods.
* Implemented the **Oracle** database interaction using **Hibernate** (ORM).
* Used **Grails** for developing backend controller and service layer.
* Used **HTML5**, **CSS**, **JavaScript**, **AngularJS**, **ExtJS**, **JQuery**, **BackboneJS**, **Bootstrap**, **Struts** for designing the front-end and validating, customizing error messages to the UI.
* Responsible for setting up **Python** REST API framework using DJANGO.
* Used **NodeJS** for server-side development.
* Performed problem troubleshooting and bugs fixing in **XSLT** and Java related.
* Provided support and help in management of data and XSLT programming.
* Administered WebLogic Portal Server.
* Worked with **ANT**, writing scripts (used **Gradle**).
* Used **JIRA** for issue and bug tracking.
* Tomcat, JBOSS servers were used for testing and **WebLogic 11** was used for deploying.
* Developed **REST**ful Web Services using **Jersey** framework and **JSON** to retrieve information.
* Involved in various testing as per the specifications and test cases including Unit and Integration testing using JUnit scripts via **Selenium Remote Control.**
* Backend application layer is implemented using **EJB** (Enterprise Java Bean) in **WebLogic** Application Server.
* Developed an Ajax framework for rapid development of Rich Internet Application access to databases.
* The existing web system was enhanced using Struts.
* Used State management supporting like request, application, session, flash and view scoped java beans.
* Used **Git** as version control repository and **Maven**, **Bamboo** for continuous build integration.
* Experience migrating to cloud based Microservices. Deployed Containers and Microservices in Amazon Web Services (**AWS)** cloud and worked on setting up cloud environment and supported **Amazon AWS** services like **EC2, S3 etc.**
* Worked on creating the **AWS EC2**instances and security groups.

**Environment:** Java, Servlets, Struts 2.0, Spring, EJB, Hibernate, REST, HTML, CSS, JavaScript, JQuery, XML, NodeJS, Oracle 10g, Weblogic server, AWS EC2, JIRA, Maven, Bamboo, ANT, Gradle, Git, Linux, Unix.

**Caterpillar, Peoria, IL December 2012 -October 2013**

**Java/J2EEApplication Developer**

**Project:** Project Management Tool

It is a database and tool designed to store all products information. It provides summary and detailed information about products, down to procedure and diagnosis descriptions of services. It is used by businesses to build and maintain products, plans and services.

**Responsibilities:**

* Involved in the design and development phases.
* Developed **MVC design pattern** based UI using **JSP**, **XML**, **ExtJS**, **HTML**, **CSS, NodeJS** and **Struts**.
* Applied **OOP** concepts, including **UML** use cases, class and interaction diagrams.
* Used **Spring** framework configuration files to manage objects and to achieve dependency injection.
* Used **Struts** validator framework to validate user input.
* Used **AngularJS** controllers to update entity models, and AngularJS custom filters to provide better search experience.
* GUI design and development using Java **Swing** components (JTree, JList, JTable, JMenu, JCombobox, JText, JTabbedPane and Layout Management), APIs like JGoodies, SWINGX.
* Used **Dependency Injection** feature of Spring framework and involved in writing the database integration code using **Hibernate**, and used the Spring AOP features to handle the exceptions.
* Implemented the **DAO** pattern for database connectivity and **Hibernate** for object persistence.
* Created **XML** files for storing the data required for module.
* Developed utility classes, which allows easy translation from XML to Java and back. Also implemented Property Reader to read properties from flat file.
* Used **JSTL**, **AJAX**,**JSF**and **JavaScript** for the frontend design.
* Implemented access control and authentication using Spring Security.
* Implemented Python to retrieve and manipulate data.
* Developed window layouts and screen flows using **Struts tiles**.
* Used **ANT** script to build **WAR** and **EAR** files and deployed on WebSphere.
* Used Java/J2EE design patterns like Business Delegate and Data Transfer Object (DTO).
* Implemented Spring Boot Microservices to create submodules.
* Migrated applications to the **AWS** cloud.
* Used **JUnit**, **Log4J** for Unit testing and logging.
* Involved in **WebSphere** server configurations, Data Sources, Connection Pooling, MQ Series Queues setup for messaging and deploying the applications on different servers in different environments like QA/IST/Production.
* Used **SVN** for version control.
* Used **JIRA** for tracking and updating the project issues.
* Used **Maven** for build framework and **Jenkins** for continuous build system.
* Created Web services using **Apache Axis 2** for communication with other application.
* Created and executed unit and regression test scripts. Created personal and common test data, tracked actual vs expected results and evaluated quality of modules created.
* Responsible for delivering changes to different development, integration and user acceptance testing regions, supporting user acceptance testing and addressing defects and in production and fixing production defects.

**Environment:**Java/J2EE**,**JSP, Swing, Servlets,Spring 3, Hibernate 3, WebSphere Application Server 8.x, Struts 2, XML Web service, SOAP, JAX-WS, UML, Linux, Unix, MySQL, JavaScript, CSS, JQuery, SVN, XML, XSLT, Eclipse IDE, AJAX, JavaScript, Apache Ant 1.7, JDBC, Windows, JUnit 3.8, Log4j, Apache Axis 2, JIRA, Maven, Jenkins.

**Meijer Inc., Grand Rapids, MI October 2011 -November 2012**

**Java Developer**

**Project:**Product Structure Management (PSM)

**Description:**It is developed as an internal application used by the company representatives for supporting users and dealers. One part of this is creating UI for the representatives that provides access to inventory and credit limits.

**Responsibilities:**

* Involved in the design, planning and implementation of the project.
* Developed the frontend using **JSP**, **JQuery**, **JSTL**, **JavaScript**, **Ajax, Swing** components(likeJTables, JTree, JMenu, JFrame, etc) and **GWT** (Google Web Toolkit).
* Designed style sheets using **XSLT**, **XPATH** and **CSS**.
* Developed Web Services and SOAP components as client service interfaces that replaced the legacy IBM MQ series Message Broker.
* Worked on generating the web service classes using **SOA**, **WSDL**, **UDDI** and **SOAP**.
* Responsible for identifying and creating the MQ objects required for the interfaces.
* Developed Use case diagrams, class and Sequence diagrams and process flow diagrams for the modules using **UML** and **Rational Rose**.
* Strong experience in developing customized light weight persistence classes and **Hibernate ORM** framework.
* Worked with JMS for reliable exchange information across applications.
* Involved in working with **JMS Queues** in sending and receiving asynchronous messages via **MDB**s.
* Configured the Hibernate Mapping files for mapping the domain objects to the database tables and their corresponding properties to the table columns.
* Configured **Hibernate Session Factory**, **Hibernate mapping files**, dependencies between delegate classes, Used Tiles, DAOs, controller and validation classes and domain objects as part of the Spring configuration file.
* Developed Validators for application components using the Spring validation framework.
* Used **RAD** IDE for the development, build, deployment and testing of the application.
* Used **ANT** and **Maven** frameworks to build the application.
* Developed XML documents for storing various user specific information.
* Used **Log4J** for external configuration files and debugging.
* Performed **Unit Testing** on the application and the web services.
* Tested the whole module using **SOAP UI**.
* Experience with **Agile/Scrum** methodology and practice in multidisciplinary team.
* Involved in high level business meetings, provided suggestions and have been appreciated.

**Environment:** JDK, J2EE, Swing, RAD 7.x, IBM WebSphere Application Server 7.x, Tomcat, OSGi, JDBC 3.0, JNDI 1.2, Servlets 2.x, JSP 1.2, Spring 2.x, Struts 2.x, Tiles, Log4j, Web Services, WSDL, SOAP,RMI, EJB 3.0, Hibernate,LDAP, JUnit, HTML, DHTML, XHTML, CSS, XML, XSL, XSLT, Fire Bug, Golden Gate, JavaScript, JMS, Apache Ant, Oracle, SQL Server, PL/SQL, Soap UI, Toad, AJAX, UML/Rational Rose 2000, Agile, Scrum, Linux, Korn shell, Clear Case.

**SP Technologies PES Pvt. Ltd., India October 2009 -August 2011**

**Java Developer**

**Description:** Involved in the development and maintenance of an online portal used for various services. The project involved implementing a web application for the users to enter inquiries and request for services. The system then forwards the requests to the concerned staff.

**Responsibilities:**

* Involved in complete life cycle of software development- designing, development, testing and deployment.
* Developed the backend logic using **J2EE**, Web Services-**SOAP**, **REST**, **WSDL**, **XML** and **XSLT** and generated client stubs using **Axis2** and **GlassFish**.
* Developed the frontend logic using Java, **JSF**, **HTML**, **JavaScript**, **JQuery**, **Ajax**.
* Designed and developed the GUI using Java **Swing**.
* Implemented the client input validation using **JavaScript**.
* Designed the logic using **SpringMVC** and **Hibernate** frameworks.
* Extensively developed the supporting Java Beans components.
* Written stored procedures, triggers in SQL.
* Implemented the service request backup mechanism using **JMS** messaging queues.
* Deployed and maintaining applications in **JBoss** application server.
* Implemented test cases using **JUnit.**
* Participated in documentation, code reviews, release and post implementation support.

**Environment:** Java, Swing, JDBC 3.0, Hibernate, Spring, Struts 2.1, JBoss, SQL, XML, XSLT, JQuery, AJAX, JSF, SOAP, JMS, JUnit, Eclipse, JAXB, Eclipse, CVS, WebLogic.

**Advanced Networks Pvt. Ltd., India June 2008-September 2009**

**Java/J2EE Developer**

**Responsibilities:**

* Worked closely with the Requirements team, analyzed use-cases and created class diagrams and sequence diagrams.
* Designed and developed presentation layer using JSP, HTML and JavaScript.
* Developed in Eclipse environment using Struts MVC framework.
* Created JSPs using JSTL and Struts tag libraries.
* Developed Struts action and ActionForm classes with required Tile definitions.
* User Input Validations is done using JavaScript and ActionForm.
* Deployed J2EE components (EJB, Servlets) in WebLogic application server.
* Created SQL queries and used PL/SQL procedures with Oracle database.
* Used Session Beans for business logic and Entity Beans for data persistency.
* Performed unit testing using JUnit framework.

**Environment:** Java EE, HTML, CSS, JavaScript, UML, JDBC, SQL, Struts 1.x, MVC, WebLogic Server, JSP, JSTL, EJB,JUnit, CVS, Log4j.

**Certifications (online):**

Coursera.org and University of Michigan certification in ‘**Python** programming’- May, 2015.

**EDUCATION**

**Bachelor of Technology**

SRM University- Chennai, India.