**Rabin Adhikari**

**979-383-3246**

[**rabin.adhikari9899@gmail.com**](mailto:rabin.adi7@gmail.com)

**Sr. Java Fullstack Developer**

**Professional Summary**

* Flair for technology and willing to take challenging assignments with over 7+ years of versatile experience in analysis, design, development and implementation of N-tier architecture based applications, Business to Business Applications, Business to Client based applications, distributed components, internet/intranet applications.
* Areas of expertise include analysis, design and development of applications using JEE/J2EE technologies including **JAVA**, **Servlets**, **JSP**, **EJB**, **JMS**, **JDBC**, **JNDI**, **JTA**, **Web Services**, **SOAP**, **JAXB**, **JAX-RPC**, **JAX-WS**, **XML and XSD**.
* Good Knowledge on Object Oriented Programming (**OOP**), Analysis and Design (**OOAD**) Concepts and designing experience using **StarUML**, **Rational rose** to develop **UML** or design artifacts like Class diagrams, Sequence diagrams and Use case realization.
* Experience with working in java script framework like **jQuery, AngularJS** and **Node.js.**
* Experience with Controllers, Views, and Stores in **ExtJS.**
* Experience in developing **ExtJS** components like Grids, Toolbars, Panels, Combo-Box and Button.
* Good Experience in working with the **Document Object Model (DOM)** and **DOM** Functions.
* Experienced both in working on Designing table-less layouts and table-based layouts.
* Extensive experience in designing User Interactive (UI) Webpages and visually appealing User Interfaces with the help front-end Technologies like **HTML5, DHTML, CSS3, JavaScript, XML, DHTML, XHTML, jQuery, AJAX, JSON.**
* Solid programming skills and experience in development and implementation of Client/Server 3-tier architecture based applications using **JAVA**, **JDBC**, **JSP**, **Servlets** and **JavaBeans**.
* Good Knowledge and sound experience working with MVC framework like **Struts1.3 & 2.0**, ORM frameworks like **Hibernate**, **JPA** and IOC frameworks like **Spring**, **Spring AOP**.
* Experience in working with application server technologies like **IBM WebSphere**, **WebLogic**, **Apache Tomcat** and **JBoss**.
* Highly proficient in using frameworks like **Struts**, **Hibernate**, **Spring** and **Design Patterns** such as, **Session Façade**, **Front Controller**, **Data Access Object** (**DAO**), **Value Object**, **Singleton**, **Service Locator** for executing multi-tier, highly scalable, component based, services driven, test driven enterprise applications.
* Experience in developing **XML** documents with **XSD** validations, **SAX** and **DOM** parsers to parse the data held in XML documents.
* Possess strong working knowledge of Database programming using **SQL**, **PL/SQL**, **Triggers** and **Stored Procedures**.
* Proficient in developing **Unit testing**, **Integration testing** and **Container testing** components with good knowledge on testing frame works and testing methodologies.
* Problem solver with the ability to rapidly analyze challenges, applying strategic thinking to tactical concerns with strong problem solving skills and a result oriented attitude.
* Excellent team player, quick learner and self-starter with effective communication, motivation and organizational skills combined with attention to details and business process improvements.

**Technical Skills**

|  |  |
| --- | --- |
| **Languages** | C, C++, Java, SQL, PL/SQL, UNIX Shell Script, HTML, XML |
| **JAVA/J2EE Technologies** | Servlets, JSP, EJB, JMS, JDBC, JNDI, JTA, JPA, XML, XSD, Web Services, SOAP, JAXB, JAX-WS, JAX-RPC |
| **Methodologies** | OOAD, OOP, UML, RUP, MVC, DAO Factory pattern and Session Facade |
| **Application Servers** | Apache Tomcat, JBoss, WebLogic, WebSphere |
| **Frameworks** | Struts, Spring and Hibernate |
| **RDBMS** | Oracle 8i/9i/10g/11g, SQL Server 2000/2005/2008, IBM DB2 |
| **Operating Systems** | UNIX, LINUX and Windows XP/Vista |
| **IDE/Utilities** | Eclipse3.x, PL/SQL Developer, Star UML, TOAD, SQL Developer |
| **Version Controls** | Win CVS, Subversion (SVN) |
| **Others** | MS Office, HTML, Ant, Log4j, CSS, XSL, XSLT, XPATH, JavaScript, Unix Shell scripting, REST, RMI, SOAP |

**Professional Experience**

**CareSource, Dayton, Ohio**

**2019 – Till Date**

**Sr. Java Full Stack Developer**

**Responsibilities:**

* Involved and interacted with users, customers and Business users for the requirements and training with new features.
* Involved in the development using **Java/J2EE Technologies, Web Services** and **Hibernate ORM Framework.**
* Functionalities include writing code in **HTML, CSS, JavaScript, jQuery, Ajax, JSON, AngularJS** and **Bootstrap with MySQL Database** as the backend.
* Developed responsive web application for backend system using **AngularJS with HTML5 and CSS3.**
* Built reporting module for analytic services using custom **AngularJS MVC Framework** Components.
* Controllers and Services that are bind using Dependency Injection to enable loose coupling between application components.
* Used **Bootstrap** and **AngularJS** in effective web design.
* Developed user interface using **JSP** with **JavaBeans, JSTL** and **Custom Tag Libraries, JS, CSS, jQuery**, **Node.js, HTML, SASS** and **Ajax** to speed the application.
* Integrated the JavaCode **(API)** in **JSP** pages and responsible for setting up **AngularJS framework** for UI development. Developed **HTML** views with **HTML5, CSS3/SASS, Bootstrap, Node.js** and **AngularJS.**
* Build SOAP Web Services based on **AWS (Amazon Web Services).**
* Developed **JUnit** Test Cases for Unit testing & for Continuous Integration we used**Jenkins.**
* Used **Jenkins** which is an open source continuous integration tool written in java which provides   
  Integration services for software development.
* Created and maintained the framework and layout of each portal with **Cascading Style Sheets (CSS)**
* Successfully implemented Auto Complete/Auto Suggest functionality using **Ajax, JQuery, DHTML, Web Service Call** and **JSON.**
* Responsible to manipulate **HTML5, CSS3 in jQuery as well as making the pages dynamic using AJAX, JSON** and **XML.**
* Created Call flow diagrams for IVR applications using **VISIO**.
* Used **STRUTS Framework** in designing the IVR application.
* Wrote **JAVA Servlets** that generates dynamic VXML.
* Mainly involved in support, Maintenance and enhancement of the application.
* Played a significant role in design and development of the VUI.
* Responsibilities included development of new modules of the application such as Web using **J2EE Technologies, Struts** and **Spring Framework.**
* Developed **MVC Controllers** and deployed flow of Execution in the Servlet Environment using **Spring MVC.**
* Extensively used Core **Spring Framework** for Dependency Injection of components.
* Implemented Web Services using **Spring RESTful.**
* Developed **Hibernate with Spring** Integration as the data abstraction to interact with the database.
* Used **ANT** Scripts to fetch, build and deploy the application to development environment.
* Used Hibernate for mapping java classes with database and created queries with **Hibernate Query language (HQL)**
* Developed model objects using **Hibernate**.
* Application developed using **RAD**.
* Maintained version control using **GIT**.
* Used **Log4j** utility to log error, info and debug messages.
* Worked extensively on **AngularJS** in creating Controllers.
* Implemented backend process for sending the data through **FTP**.
* Worked with **JMS** as messaging service and JTA for Transaction management and having knowledge with **JPA** for Java persistence.
* Using **JMS** to send email or notify companies or users who have subscribed particular services in our product.
* Developed customer facing software for managing advertisements to grow the business using **JavaScript/jQuery, HTML 5** and **CSS.**
* Deployed application using **WebSphere Application Server**.
* Implemented client side Java-beans for **DAO** Pattern.
* Evaluated Prototype **JavaScript Framework**.
* **jQuery** High charts plugin integration with databases for displaying custom graphs (line, bar, pie etc.)

**Environment:**

Java, J2EE, Spring MVC, RESTful Web Service, Hibernate, JMS, AJAX, JSP, MySQL, Servlets, Web Sphere Application Server, AngularJS, MS Visio, CSS, JavaScript, HTML 5, ANT, Windows,RAD, GIT, Log4j, FTP, DAO, XML, JavaScript, Struts Framework, Spring Frame work,JavaBeans, Node.js,JSTL, Bootstrap, ReactJS, D3 js, Jenkins, SASS.

**Client: Quicken Loans, Detroit, MI Feb 2018 to Sep 2019**

**Java Full Stack Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) of the application like Requirement gathering, Design, Analysis and Code development.
* Worked to create an initial prototype of both Self-Pay Remittance as well as Formal Payment Plan, following **OOD** and discussed **SOA** to get positive feedbacks from the Test Clients before start of heavy coding.
* Worked in managing credit card payments through **EDI**.
* Attended every day Scrum meetings to provide current project status demonstrations in every two weeks, thus implementing **Agile Methodology** (**Scrum**) with Test Driven Development.
* Written **SQL** queries for data fetching and posting using **Oracle PL/SQL** Developer and **CCL Plus** and also performed **CRUD** Operations along with Inner/Outer joins.
* Followed **Spring MVC** pattern for the project with **Servlets/JSP** and **JDBC**.
* Used **REST** Web Services API’s with extensive use of **AJAX** call.
* Developed **UML** use cases and class diagrams, documented the Functional and Technical specifications.
* Used **JAX-WS** and **WSDL** webservices to expose the functionality to the presentation layer.
* Developed web components using **MVC** pattern under Struts framework using a Central Servlet acting as the controller.
* Used Hibernate and wrote **HQL** for querying the data from database.
* Used **JavaScript** for client-side validation and **Struts validator Framework** for form validations.
* Extensively worked on **JQuery UI Components-**navigation menus, tabs, autocomplete fields, tooltips and **third party plugins- Datatables, JQuery window, Jquery Validation engine**.
* Excellent working experience with Oracle10g including storage and retrieving data using Hibernate Query APIs.
* Used **JSON** structure for request as well as for reply.
* Used **Java Swing** for few components in accordance with **SWT** application with **multithreading** environment with Concurrency and Java Collections.
* Used **Jetty** server during development using FileZilla for file transfer.
* Used **Eclipse 3.0** IDE during development.
* Written **JUnit** Test cases with Mockito while performing unit testing.
* Used **Tortoise SVN** as source control tool.
* Worked with QA team during various testing phases and resolved defects.
* Used **Maven** build tool for compiling and packaging the application.

**Environment:**

Java 1.7, Core Java/J2EE, HTML, CSS, JavaScript, JSON, jQuery, Node.js, Handlebar.js, Moment.js, AJAX, Servlets, JSP, JDBC, XML, Multithreading, OOD, SOA, REST Web Services, Jetty Server, WebSphere Application Server 7.0, Eclipse, Maven, JUnit, Java Swing, Mockito, Oracle 10g, CCL Plus, Oracle PL/SQL Developer, SVN, FileZilla, Linux, UNIX.

**Client: Express Scripts, St. Louis, Missouri Aug 2016 to Jan 2018**

**Java Developer**

**Responsibilities:**

* Implemented **AgileMethodology** (**Scrum**) that includes daily scrum with team and followed Test Driven Environment following **OOD**.
* Developed the application using **Hibernate** and **Spring** Framework.
* Developed presentation layer using **Spring MVC** and used annotation based mapping to map the **JSP** post backs to the controller methods.
* **Spring AOP** is used for Security and Transaction Management.
* Followed **SOA** creating **REST** Web Services using **Spring**.
* Developed Rich user interface using **HTML5**, **JSF**, **JSP**, **XSLT** and **CSS3**.
* Configured **JBoss** Application Server and deployed the web components into the server using Oracle as back end database.
* Used **Hibernate** to communicate with the Database, mapping the entities to the tables and corresponding columns in the database by using **Hibernate** annotations.
* Developed HQL queries to implement Select, Insert, Update and Delete operations to the database by creating **HQL** named queries.
* Worked with **Oracle PL/SQL** queries, **Triggers** and **Stored Procedures**.
* Used **Elvyx**, a tool designed to monitor and profile the **JDBC** activity used to locate and fix performance issues.
* Improved the performance by using **Connection Pooling** to maintain the database connections within the session and reduce the number of transactions with the database.
* Involved in performance tuning by reviewing the code to reduce the number of database calls and tuning the **SQL** and **HQL** queries to get optimized performance.
* Used **JAXB** for marshalling and unmarshalling.
* Used **Firebug** to inspect, edit and monitor **CSS**, **HTML**, **JavaScript** and **Net** requests in any web page.
* Used **Maven** to build and deploy the application.
* Used **PuTTY** for **UNIX** login, to do **Bootstrap** and check the server logs.
* Involved in performing Integration Testing for the whole application.
* Used **JUnit** with **JMock** for unit testing.
* Was responsible for updating the defects status in a daily based QA status meeting.

**Environment:**

Java 1.6, Core Java/J2EE, OOD, REST Web Services, Spring, Hibernate, Oracle 10g, JSP, JSTL, XML, SOA, HTML, CSS, JavaScript, JBoss Application Server, Eclipse, JAXB, Maven, JUnit, Firebug.

**Client: Conoco Phillips, Bartlesville, OK Dec 2014 to Aug 2016**

**Role: Java Developer**

**Responsibilities:**

* Responsible for requirement gathering from the Business Analysts and for preparing the Requirement Specification Document using **AgileMethodology** (**SCRUM**).
* Involved in Development and Maintenance phases of **Immpact2** and **imMTrax**.
* Developed the application using **Struts**, **JDBC** and **JSP** front end using **HTML**, **JavaScript**, **CSS** and **AJAX**.
* Used **Struts** Action classes to interact with **DAO**’s and used Validation framework for Client and Server side validation.
* Application was developed in **Eclipse** and deployed in **Oracle 10g** application servers.
* Used **Oracle** as a backend database for developing complex queries and stored procedures (**PL/SQL**).
* Used **JAXB** to parse **XML** to **JavaBeans** and vice versa.
* Involved in resolving production issues as well as fixing bugs on existing programs.
* Involved in unit and manual testing of the application.
* Extensively involved in the development of persistence layer using **Hibernate** and used **SQL** server as backend database.
* Designed **JSP** pages. Designed and developed the form beans and action classes associated with each **JSP** page and developed several custom tags.
* Extensively used **JavaScript** for client side data validation.
* **XML** (**SAX** and **DOM API**, **JDOM**), **XSLT** was used for informative view representation.
* Interacted with database using **JDBC** and **java.sql package**.
* Extensively developed **Stored Procedures** and **Triggers** using **SQL** and **PL/SQL**.
* Responsible for deploying the entire application on **WebLogic Application Server 9.2**.
* Used **JUnit** for writing several test cases and extensively involved in the testing of entire application in various environments.
* Documented all phases of the project and implemented system changes in accordance with the objectives and requirements and developed user documentation.
* Managed the documentation and coding of entire system using **CVS**.
* Used **JIRA** for issue tracking and **SVN** as a version control.
* Installed **Oracle 10g** Database and Application servers on **Linux** OS.

**Environment:**

Java, J2EE, Struts 2.3, JSP, Spring 2.5, Hibernate 3.0, Servlets, HTML, JavaScript, AJAX, XML, XSLT, CSS, PL/SQL, Web Services, Eclipse, SVN, Oracle 10g application server and UNIX.

**Client: Verisik, Nepal Jul 2013 to Oct 2014**

**Role: Java Developer**

**Responsibilities:**

* Implemented Transfer Funds, Messaging Service Modules using **Struts** and **Tiles** Framework with respect to **Model-View-Controller** (**MVC2**) Architecture.
* Developed various **EJB** components like Statefull session, Message Driven Beans to fulfill Business Logic.
* Used **JMS** for reliable and asynchronous exchange of important financial information.
* Implemented persistence layer using **Hibernate** that use **POJO** classes to represent persistent database tables.
* Consumed Web Services using **WSDL** and **SOAP** for transferring funds to other financial institutions.
* Used **XML** Parser API such as **JAX-RPC** in the web services request/response data for marshaling and un-marshalling.
* Designed and developed data access layer using **Data Access Object** (**DAO**), **Session Façade**, **Business Delegate** and **Singleton** design patterns.
* Involved in Database Design and Development.
* Developed **Stored Procedures**, **Triggers**, **Functions** and **Cursors** for efficient usage of data from **MYSQL** Database.
* Extensively worked with **SQL** Database.
* Responsible for deployment of application at development and testing environments.
* Developed clients for Web Services and tested it using **SOAP**UI.
* Developed various helper classes for the persistent in correlation with **Hibernate**.
* Applied **CSS** (Cascading Style Sheets) for entire site for standardization of the site.
* Used **Log4J** to capture the log.
* Developed test cases and performed unit testing using **JMock**.
* Build application using **Ant Scripts**.
* Used **CVS** for Version control across common source code used by developers.

**Environment:**

J2EE, JSP, Struts, EJB, Hibernate, JMS, JNDI, MYSQL, MQ Series, MS Access 2000, HTML, XML, ANT, WSDL, SOAP, SOA, Axis, ANT, Eclipse, WebLogic, Log4J, CVS, JMock, Windows.

* ams and Sequence diagrams.
* Involved and interacted with users, customers and Business users for the requirements and training with new features.
* Involved in the development using **Java/J2EE Technologies, Web Services** and **Hibernate ORM Framework.**
* Functionalities include writing code in **HTML, CSS, JavaScript, jQuery, Ajax, JSON, AngularJS** and **Bootstrap with MySQL Database** as the backend.
* Developed responsive web application for backend system using **AngularJS with HTML5 and CSS3.**
* Built reporting module for analytic services using custom **AngularJS MVC Framework** Components.
* Controllers and Services that are bind using Dependency Injection to enable loose coupling between application components.
* Used **Bootstrap** and **AngularJS** in effective web design.
* Developed user interface using **JSP** with **JavaBeans, JSTL** and **Custom Tag Libraries, JS, CSS, jQuery**, **Node.js, HTML, SASS** and **Ajax** to speed the application.
* Integrated the JavaCode **(API)** in **JSP** pages and responsible for setting up **AngularJS framework** for UI development. Developed **HTML** views with **HTML5, CSS3/SASS, Bootstrap, Node.js** and **AngularJS.**
* Build SOAP Web Services based on **AWS (Amazon Web Services).**
* Developed **JUnit** Test Cases for Unit testing & for Continuous Integration we used**Jenkins.**
* Used **Jenkins** which is an open source continuous integration tool written in java which provides   
  Integration services for software development.
* Created and maintained the framework and layout of each portal with **Cascading Style Sheets (CSS)**
* Successfully implemented Auto Complete/Auto Suggest functionality using **Ajax, JQuery, DHTML, Web Service Call** and **JSON.**
* Responsible to manipulate **HTML5, CSS3 in jQuery as well as making the pages dynamic using AJAX, JSON** and **XML.**
* Created Call flow diagrams for IVR applications using **VISIO**.
* Used **STRUTS Framework** in designing the IVR application.
* Wrote **JAVA Servlets** that generates dynamic VXML.
* Mainly involved in support, Maintenance and enhancement of the application.
* Played a significant role in design and development of the VUI.
* Responsibilities included development of new modules of the application such as Web using **J2EE Technologies, Struts** and **Spring Framework.**
* Developed **MVC Controllers** and deployed flow of Execution in the Servlet Environment using **Spring MVC.**
* Extensively used Core **Spring Framework** for Dependency Injection of components.
* Implemented Web Services using **Spring RESTful.**
* Developed **Hibernate with Spring** Integration as the data abstraction to interact with the database.
* Used **ANT** Scripts to fetch, build and deploy the application to development environment.
* Used Hibernate for mapping java classes with database and created queries with **Hibernate Query language (HQL)**
* Developed model objects using **Hibernate**.
* Application developed using **RAD**.
* Maintained version control using **GIT**.
* Used **Log4j** utility to log error, info and debug messages.
* Worked extensively on **AngularJS** in creating Controllers.
* Implemented backend process for sending the data through **FTP**.
* Worked with **JMS** as messaging service and JTA for Transaction management and having knowledge with **JPA** for Java persistence.
* Using **JMS** to send email or notify companies or users who have subscribed particular services in our product.
* Developed customer facing software for managing advertisements to grow the business using **JavaScript/jQuery, HTML 5** and **CSS.**
* Deployed application using **WebSphere Application Server**.
* Implemented client side Java-beans for **DAO** Pattern.
* Evaluated Prototype **JavaScript Framework**.
* **jQuery** High charts plugin integration with databases for displaying custom graphs (line, bar, pie etc.)

**Environment:**

Java, J2EE, Spring MVC, RESTful Web Service, Hibernate, JMS, AJAX, JSP, MySQL, Servlets, Web Sphere Application Server, AngularJS, MS Visio, CSS, JavaScript, HTML 5, ANT, Windows,RAD, GIT, Log4j, FTP, DAO, XML, JavaScript, Struts Framework, Spring Frame work,JavaBeans, Node.js,JSTL, Bootstrap, ReactJS, D3 js, Jenkins, SASS.

**Client: Quicken Loans, Detroit, MI Feb 2018 to Sep 2019**

**Java Full Stack Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (**SDLC**) of the application like Requirement gathering, Design, Analysis and Code development.
* Worked to create an initial prototype of both Self-Pay Remittance as well as Formal Payment Plan, following **OOD** and discussed **SOA** to get positive feedbacks from the Test Clients before start of heavy coding.
* Worked in managing credit card payments through **EDI**.
* Attended every day Scrum meetings to provide current project status demonstrations in every two weeks, thus implementing **Agile Methodology** (**Scrum**) with Test Driven Development.
* Written **SQL** queries for data fetching and posting using **Oracle PL/SQL** Developer and **CCL Plus** and also performed **CRUD** Operations along with Inner/Outer joins.
* Followed **Spring MVC** pattern for the project with **Servlets/JSP** and **JDBC**.
* Used **REST** Web Services API’s with extensive use of **AJAX** call.
* Developed **UML** use cases and class diagrams, documented the Functional and Technical specifications.
* Used **JAX-WS** and **WSDL** webservices to expose the functionality to the presentation layer.
* Developed web components using **MVC** pattern under Struts framework using a Central Servlet acting as the controller.
* Used Hibernate and wrote **HQL** for querying the data from database.
* Used **JavaScript** for client-side validation and **Struts validator Framework** for form validations.
* Extensively worked on **JQuery UI Components-**navigation menus, tabs, autocomplete fields, tooltips and **third party plugins- Datatables, JQuery window, Jquery Validation engine**.
* Excellent working experience with Oracle10g including storage and retrieving data using Hibernate Query APIs.
* Used **JSON** structure for request as well as for reply.
* Used **Java Swing** for few components in accordance with **SWT** application with **multithreading** environment with Concurrency and Java Collections.
* Used **Jetty** server during development using FileZilla for file transfer.
* Used **Eclipse 3.0** IDE during development.
* Written **JUnit** Test cases with Mockito while performing unit testing.
* Used **Tortoise SVN** as source control tool.
* Worked with QA team during various testing phases and resolved defects.
* Used **Maven** build tool for compiling and packaging the application.

**Environment:**

Java 1.7, Core Java/J2EE, HTML, CSS, JavaScript, JSON, jQuery, Node.js, Handlebar.js, Moment.js, AJAX, Servlets, JSP, JDBC, XML, Multithreading, OOD, SOA, REST Web Services, Jetty Server, WebSphere Application Server 7.0, Eclipse, Maven, JUnit, Java Swing, Mockito, Oracle 10g, CCL Plus, Oracle PL/SQL Developer, SVN, FileZilla, Linux, UNIX.

**Client: Express Scripts, St. Louis, Missouri Aug 2016 to Jan 2018**

**Java Developer**

**Responsibilities:**

* Implemented **AgileMethodology** (**Scrum**) that includes daily scrum with team and followed Test Driven Environment following **OOD**.
* Developed the application using **Hibernate** and **Spring** Framework.
* Developed presentation layer using **Spring MVC** and used annotation based mapping to map the **JSP** post backs to the controller methods.
* **Spring AOP** is used for Security and Transaction Management.
* Followed **SOA** creating **REST** Web Services using **Spring**.
* Developed Rich user interface using **HTML5**, **JSF**, **JSP**, **XSLT** and **CSS3**.
* Configured **JBoss** Application Server and deployed the web components into the server using Oracle as back end database.
* Used **Hibernate** to communicate with the Database, mapping the entities to the tables and corresponding columns in the database by using **Hibernate** annotations.
* Developed HQL queries to implement Select, Insert, Update and Delete operations to the database by creating **HQL** named queries.
* Worked with **Oracle PL/SQL** queries, **Triggers** and **Stored Procedures**.
* Used **Elvyx**, a tool designed to monitor and profile the **JDBC** activity used to locate and fix performance issues.
* Improved the performance by using **Connection Pooling** to maintain the database connections within the session and reduce the number of transactions with the database.
* Involved in performance tuning by reviewing the code to reduce the number of database calls and tuning the **SQL** and **HQL** queries to get optimized performance.
* Used **JAXB** for marshalling and unmarshalling.
* Used **Firebug** to inspect, edit and monitor **CSS**, **HTML**, **JavaScript** and **Net** requests in any web page.
* Used **Maven** to build and deploy the application.
* Used **PuTTY** for **UNIX** login, to do **Bootstrap** and check the server logs.
* Involved in performing Integration Testing for the whole application.
* Used **JUnit** with **JMock** for unit testing.
* Was responsible for updating the defects status in a daily based QA status meeting.

**Environment:**

Java 1.6, Core Java/J2EE, OOD, REST Web Services, Spring, Hibernate, Oracle 10g, JSP, JSTL, XML, SOA, HTML, CSS, JavaScript, JBoss Application Server, Eclipse, JAXB, Maven, JUnit, Firebug.

**Client: Conoco Phillips, Bartlesville, OK Dec 2014 to Aug 2016**

**Role: Java Developer**

**Responsibilities:**

* Responsible for requirement gathering from the Business Analysts and for preparing the Requirement Specification Document using **AgileMethodology** (**SCRUM**).
* Involved in Development and Maintenance phases of **Immpact2** and **imMTrax**.
* Developed the application using **Struts**, **JDBC** and **JSP** front end using **HTML**, **JavaScript**, **CSS** and **AJAX**.
* Used **Struts** Action classes to interact with **DAO**’s and used Validation framework for Client and Server side validation.
* Application was developed in **Eclipse** and deployed in **Oracle 10g** application servers.
* Used **Oracle** as a backend database for developing complex queries and stored procedures (**PL/SQL**).
* Used **JAXB** to parse **XML** to **JavaBeans** and vice versa.
* Involved in resolving production issues as well as fixing bugs on existing programs.
* Involved in unit and manual testing of the application.
* Extensively involved in the development of persistence layer using **Hibernate** and used **SQL** server as backend database.
* Designed **JSP** pages. Designed and developed the form beans and action classes associated with each **JSP** page and developed several custom tags.
* Extensively used **JavaScript** for client side data validation.
* **XML** (**SAX** and **DOM API**, **JDOM**), **XSLT** was used for informative view representation.
* Interacted with database using **JDBC** and **java.sql package**.
* Extensively developed **Stored Procedures** and **Triggers** using **SQL** and **PL/SQL**.
* Responsible for deploying the entire application on **WebLogic Application Server 9.2**.
* Used **JUnit** for writing several test cases and extensively involved in the testing of entire application in various environments.
* Documented all phases of the project and implemented system changes in accordance with the objectives and requirements and developed user documentation.
* Managed the documentation and coding of entire system using **CVS**.
* Used **JIRA** for issue tracking and **SVN** as a version control.
* Installed **Oracle 10g** Database and Application servers on **Linux** OS.

**Environment:**

Java, J2EE, Struts 2.3, JSP, Spring 2.5, Hibernate 3.0, Servlets, HTML, JavaScript, AJAX, XML, XSLT, CSS, PL/SQL, Web Services, Eclipse, SVN, Oracle 10g application server and UNIX.

**Client: Verisik, Nepal Jul 2013 to Oct 2014**

**Role: Java Developer**

**Responsibilities:**

* Implemented Transfer Funds, Messaging Service Modules using **Struts** and **Tiles** Framework with respect to **Model-View-Controller** (**MVC2**) Architecture.
* Developed various **EJB** components like Statefull session, Message Driven Beans to fulfill Business Logic.
* Used **JMS** for reliable and asynchronous exchange of important financial information.
* Implemented persistence layer using **Hibernate** that use **POJO** classes to represent persistent database tables.
* Consumed Web Services using **WSDL** and **SOAP** for transferring funds to other financial institutions.
* Used **XML** Parser API such as **JAX-RPC** in the web services request/response data for marshaling and un-marshalling.
* Designed and developed data access layer using **Data Access Object** (**DAO**), **Session Façade**, **Business Delegate** and **Singleton** design patterns.
* Involved in Database Design and Development.
* Developed **Stored Procedures**, **Triggers**, **Functions** and **Cursors** for efficient usage of data from **MYSQL** Database.
* Extensively worked with **SQL** Database.
* Responsible for deployment of application at development and testing environments.
* Developed clients for Web Services and tested it using **SOAP**UI.
* Developed various helper classes for the persistent in correlation with **Hibernate**.
* Applied **CSS** (Cascading Style Sheets) for entire site for standardization of the site.
* Used **Log4J** to capture the log.
* Developed test cases and performed unit testing using **JMock**.
* Build application using **Ant Scripts**.
* Used **CVS** for Version control across common source code used by developers.

**Environment:**

J2EE, JSP, Struts, EJB, Hibernate, JMS, JNDI, MYSQL, MQ Series, MS Access 2000, HTML, XML, ANT, WSDL, SOAP, SOA, Axis, ANT, Eclipse, WebLogic, Log4J, CVS, JMock, Windows.