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**Professional Summary**

* Over **9+ years** of experience in **Analysis**, **Design**, **Development**, **Testing** and **Implementation of EnterpriseClient/Server** and **Distributed Applications** across the entire **Software Development Life Cycle** using **JavaandJ2EETechnologies**.
* Expertise on advanced software development methodologies such as **Agile/Scrum**, **Waterfall**, **Test Driven Development (TTD)**, **Incremental and Iteration** methodology.
* Expertise in UI Design and Development using **Angular 2/4, AngularJS, Backbone JS, Ember JS, Knockout JS, Ext JS HTML/ HTML5, CSS/CSS3 (SASS, LESS), JavaScript (ES5 & ES6), Google Web Toolkit (GWT),Bootstrap, XML AJAX,JSON, Tag Libraries, Custom Tags, JSF, Prime-Faces and Rich-Faces framework** that follows W3C Web standards and successfully managing all facets of application development.
* Experience in **Use Cases**, **Sequence Diagrams** and **Class Diagrams** using **UML** and **J2EE Design Patterns** like **Model-View-Controller (MVC), Singleton, Abstract Factory, Session Façade, DAO, DTO, Service Locator** and **Business Delegate** in developing multi-tier distributed web applications.
* Expertise in **J2EE Architecture** using **Java**, **JDBC**, **EJB 3.2**, **Servlets 3.x/4.x**, **JMS, JSP**, **Hibernate 3.2/4.x**, **Struts**, **Maven**, **Spring**, **Web services (Axis2.0**, **JAX WS 2.0**, **JAX RS)** and **Rule Engines (Drools 4.1, Easy Rules, RuleBook)**.
* Experience in Messaging services like (JMS) MQ's **Rabbit MQ**, **IBM MQ** and **Active MQ**.
* Experience in **Spring Security Framework** for User Access Management and involved **LDAP** configuration for authentication, authorization & Implementing **Spring Cloud**-REST call using **Netflix Feign Client**.
* Strong experience in **Spring Framework** modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Dashboard, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul Proxy.**
* Experience in creating rules using Business Rules Engines: **Drools**, **ILOG**, and experienced with Imaging/Document Storage tool: **Case 360** and **IBM DB2 Content Manager**.
* Developed **SOA** and **J2EE Web Services** based on **SOAP, WSDL, UDDI, JAX-WS, JAXB, JAX-RPC.**
* Expertise in **back-end procedure development** using **Sybase, PostgreSQL**, **Oracle 9ito11g**&**MySQL**.
* Strong experience with **MongoDB** development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like **MongoDB**, **Cassandra** and **CouchDB**.
* Good knowledge in employing database caching strategies using **Redis, MongoDB Elastic search**.
* Hands on experience in installing, configuring, and using **Hadoop ecosystem components** like **Hadoop Map Reduce**, **HDFS**, **HBase**, **Hive**, **Sqoop**, **Falcon**, **Storm**, **Kafka**, **Zookeeper**.
* Expertise in developing applications using Type safe technologies like **Scala**, **Akka** model, **Play** framework.
* Developed **CI/CD** system with **Jenkins** on **Kubernetes** container environment utilizing **Kubernetes**.
* Excellent experience in unit testing using **Karma**, **Jasmine**, **Automated Testing** using **Junit/TestNG**, **Selenium** (IDE/Web driver), **Integration Testing** using **Continuum**, **Selenium**, **Hudson**, **Jenkins** and **Apache Camel**.
* Deployed the Application into **Docker** container and made easily accessible at runtime using **Pivotal Cloud Foundry** and other cloud services like **AWS**, **Netflix Eureka**, **Spring Hystrix** as fallback method**, Spring Ribbon** for load balancing and a broker service to maintain status using **Spring Kafka** and **Zookeeper**.
* Experienced in configuration and deployment on **Application Servers** such as **IBM WebSphere**, **Oracle WebLogic**, **Red Hat JBoss** and **Apache Tomcat**.
* Hands on experience with **build tools** like **Ant**, **Maven**, **Gradle** and **logging tools** like **Log4J** and **Splunk**.

**Technical Skills**

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| --- | --- |
| Programming Languages | Core Java, J2EE, C, C++, PL/SQL, Python, Scala, Shell scripting |
| Java/J2EE Technologies | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking,STRUTS, JSF, NoSql, Ext.JS |
| Web Development | HTML5, DHTML, XHTML, CSS, JavaScript, JQuery, Angular Js, AJAX, ReactJs, node JS Ext JS |
| Frameworks | Struts 1.x/2.x, Hibernate, Spring 2.5/3.0 |
| XML/Web Services | XML, XSD, WSDL, SOAP, Apache Axis, DOM, SAX, JAXP, JAXB, XMLBeans ,AWS |
| Messaging Technologies | JMS, kafka, RabbitMQ, AWS-SQS |
| Application/Web Servers | IBM WebSphere 6.x/5.x, BEA Web Logic 8.1/9.1, Apache Tomcat 5.x/6.x/7.x, JBOSS 4.x/3.x , Web Socket. |
| Databases | Oracle 8i/9i/10g/11g, Postgres Mongo DB, SQL Server 2000/2005 |
| IDEs | Eclipse 3.6, NetBeans, JBuilder, RAD, Microsoft Visual Studio 2010,Intellij,STS. |
| Build Automation | Ant, Maven, Gradle, GitHub, Jenkins, Artifactory. |
| Testing and Logging Frameworks | JUnit, Log4J, SoapUI, Test NG |
| Reporting Tools | Crystal Reports 11 |
| Tools | Rational Rose, Microsoft Visio, XML Spy, TOAD,AWS, Splunk, Cold Fusion MAX |
| Operating Systems | Windows, Unix and Linux. |
| Methodologies | Agile, Scrum, RUP, OOAD, Waterfall, TDD,UML |

**Work Experience**

**Client: GE Transportation, Melbourne, FL**

**Duration: April 2017 – Till date  
Role: Sr. Java/J2EE Full Stack Developer**

**Description:** The GE Precision Dispatch System (PDS) is a state-of-the-art Computer Aided Dispatch (CAD) system developed for North America’s Class I Railroads to support and satisfy their needs to safely and efficiently dispatch trains across the continent. GE PDS was developed for Canadian National Railways. GE PDS provides an integrated train dispatch system able to interface with multiple external systems such as scheduling, crew, signaling, and Positive Train Control (PTC). It provides a platform to dispatch trains across both Central Traffic Control (CTC) and dark territories (Track Warrant Control/Absolute Blocking Signals). As mentioned above, it also interfaces and supports PTC. It natively supports the Ansaldo STS’ Chicago Common Operational Picture (CCOP).

**Responsibilities:**

* Involved in the analysis, design and development phases of the **Software Development Life Cycle** (SDLC) using **Agile (SCRUM**) development methodology to deliver regular updates to business team and project managers.
* **Developed UI pages using HTML5, AngularJS 2.0, Bootstrap, CSS3, JavaScript, jQuery, AJAX and Nodes.**
* Build the reusable service components with **AngularJS, Bootstrap,** and **JSX** that are used across various modules.
* Used Selectors, Events, AJAX and Dom Manipulation components in **Angular 2.0directives, filters, services.**
* Used NodeJS for doing non-blocking design operation for server-side code.
* Built REST by building **Nodes** in the back-end to handle requests sent from the query Ajax calls.
* Implemented **jQuery** to develop the widgets and to perform the client-side validations, UI centric **Ajax behavior**.
* Worked extensively on the front-end side using JSP, Python, Ruby, HTML, CSS3, JavaScript and jQuery.
* Used **Executor Service multithreading** to implement **Thread pool, parallel processing** to run processes asynchronously using future calls to access the data.
* Developed using new features of **Java 1.8 annotations**, **Generics**, enhanced for loop and Enemas.
* Used advanced java 8 features like **Lambda expressions** for array operations, **Streams, Method reference, collections**. Enhanced concurrency methods etc. throughout the application for well-defined programming.
* **Implemented design patterns like MVC, Singleton, Business Delegate, Factory, and Service Locator.**
* Developed Restful web services using **Spring MVC REST framework** and **JAX-RS**.
* Used **Spring MVC Rest Controllers**, Services along with Dependency Injection, **Spring JMS** and **Spring Security**.
* Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status.
* Used Annotations for **Spring DI**, **Auto wiring** and Spring MVC for REST API s and **Spring Boot** for **Micro services**.
* Implementing or exposing the **Micro service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Experienced in logging with **ELK Stack** by using **Elastic search, Log stash,** and **Kibana**.
* **Using Swagger UI registered micro services, monitored service health check from Spring Boot admin console.**
* **Used Oauth 2.0** authentication protocol respectively for **security** and **authorization**.
* **Experienced circuit breaker patterns and fail safe in Spring Boot Micro Service applications using Hysteria and monitored the services using Hysteria Dashboard.**
* Experience in performance tuning with **Oracle database**. Designed and developed file upload and file download features with **Oracle BLOB and CLOB.**
* **Experienced HQL, Named Parameters, Named Queries and Interfaces such as Expression, Query and Criteria for implementation of Hibernate template and extensively used Hibernate Cache.**
* Wrote SQL **queries, stored procedures, triggers, views, and** enhanced performance with explain plans.
* **Developed DAO layer using Cassandra and** expertise in **CQL (Cassandra Query Language)**, for retrieving the data present in Cassandra cluster by running queries in **CQL**.
* Deployed Spring Boot based micro services into **Docker container** using **Amazon EC2** container services.
* Developed API for using **AWS Lambda** to manage the servers and run the code in the **AWS.**
* Used **AWS Cloud watch** in alerting, maintaining and monitoring of production and corporate servers/storage.
* **Experience with building Docker Images and running them on Docker container.**
* Designed and configured management reports and dashboards using **Kibana**.
* Worked on Test automation framework using **Selenium** web driver.
* Familiar with **Cucumber, Selenium Web Driver, Selenium** commands and **X-path** and developed **grunt** tasks to run the unit tests on **Jenkins** and Used **JIRA** to assign, track, report and audit the issues in the application.
* **Worked with several testing frameworks such as JUnit and Mockito**
* **Used Eclipse based Spring Tool Suite (STS) for development and debugging Spring Boot applications.**
* Configured and administered **Jenkins for CI/CD** into **Tomcat** Application Server.

**Environment:Java 8/J2EE, Spring 4.x, Spring Boot, Spring Quartz, Docker, Hibernate 4.x, XML, Microservices, Angular2, XML 1.x, Java Beans, Hystrix Dashboard, Tomcat, Oracle 11g, JavaScript, REST, Kafka, AWS IAM, Agile Methodology, Spring Eureka, JIRA, Git, Maven, Jenkins, Mockito.**

**Client: UHG, Southfield,MI**

**Duration: Aug 2015 – March 2017  
Role: Full Stack Developer**

**Description:** eMedical System is an online application which has been developed at UHG. The objective of the project was to redesign a hospital management system from a thick client-server application to a thin web-based client. The project was designed for the hospital/clinic to manage their patients, their treatments, their results. The redesigned application can now let patients also login to the system to setup/change their appointment, view their treatment plans and pay their bills.

**Responsibilities:**

* Defined and constructed layers, server-side objects and client-side interfaces based on **J2EE** design patterns, Developed and implemented **Swing, spring and J2EE based MVC (Model-View-Controller) framework for the application.**
* Designed Prototype and project layout skeletons using **ReactJS, JQuery and CSS/LESS and HTML5**.
* Involved in designing and developed presentation layer using **JSF, Ajax, and JQuery and third-party libraries.**
* Developed views and templates with **Python** and **Django's view controller** and templating language to create a user-friendly website interface.
* Wrote **Python** scripts to parse XML documents and load the data in database. Built main applications in **Python, Django** leveraging technologies such as **Tasty pie, Angular.js, Backbone.js**.
* Implemented the associated business **modules integration** using**spring** and **Hibernate data mapping.**
* Developed classes using **core java** (multithreading, concurrency, memory management) and some **spring** IOC.
* Used **spring dependency injection**, **annotations and Spring MVC components** to implement business layer and navigation part of application.
* Used **spring boot** Actuator to externalize application's configuration properties for various environments.
* Configured **Swagger-UI** registered **Micro service** with **Eureka server** to monitor service health check from **Spring Boot** admin console.
* Implemented pre-authentication and data base security using **spring security**. Used **Spring Security** to provide primitives for securing application access.
* Defined **Hibernate** Named Queries for Batch related operations while defined Criteria Queries for **Micro services**.
* **Micro services** have been built using **spring boot, spring security** and deployed to **AWS cloud**.
* Used **Spring Cloud AWS Core, Spring Cloud AWS Context**, and **Spring Cloud AWS Messaging**.
* **Struts Tag Libraries and Struts Tiles** Framework were used in addition to **JSP, HTML5, AJAX and CSS** in developing the presentation layer.
* Utilized **AWS Lambda** platform to upload data into **AWS S3** buckets and to trigger other Lambda functions**(Including EC2, MongoDB** focusing on high-availability, fault tolerance, and auto-scaling).
* Developed **several REST web services** which produces **both XML and JSON** to perform tasks, leveraged by both web and mobile applications.**RESTful web services** using Jersey for JAX-RS implementation.
* Worked on **Rest Web services** as well as **Node Rest framework** for backend services, used **Mongo DB (NoSQL)** for database services.
* Worked on **Drools Rule Engines** with corresponding to validate the business User Roles.
* Used various **jQuery** and **Bootstrap** plug-in like **date picker, Bootstrap** selectors.
* Exposed and consumed **SOAP** based **Web Services** to communicate between systems. GUI design and development using **Java Swing, JFC** Used for open source web testing.
* Developed several **SOAP based JAX-WSWeb Service** interfaces for integrating multiple systems, code re-usability.Used **JMeter** to test performance of SOAP protocol.
* Heavily used **SOAP UI** Pro version for testing the Web Services.
* **JBoss** Application server implementation, support, workload management and **performance tuning** including Web servers. Setup configuration with **JBoss** App Server.
* Wrote **SQL queries, stored procedures** and enhanced performance by running explain plans. Developed the data access classes using **JDBC** and **SQL** queries.
* Database development required creation of new tables, **PL/SQL stored procedures, functions, views, indexes** and **constraints, triggers** and required SQL tuning to reduce the response time in the application.
* Involved in data loading **using PL/SQL** and **SQL\*Loader** calling UNIX scripts to download and manipulate files.
* Created and configured new **JIRA** projects and worked with departments to maintain existing **JIRA** projects.
* Used **log4j** for logging and**GIT** for version control.
* Used **JavaScript, jQuery** for user interactions in pages. Creating a responsive web application integrating Twitter Bootstrap with **Angular JS** and media queries.
* Used XStream API to transfer data back and forth between **Spring MVC and Ext JS.**
* Custom **Node.js** proxy used to simulate API responses before client implementation was complete, and to proxy requests to finished client APIs, handling authentication, custom headers, virtual application root, etc.
* Developed Unit test cases using **JUnit, Mockito and Easy mock.**
* Developed **Maven scripts** and developed builds using **Maven** and continuous integration servers like **Jenkins**.
* Written highly referenced blog posts on [**Error Handling in Scala**](http://tersesystems.com/2012/12/27/error-handling-in-scala)**and**[**Problems Scala Fixes**](http://tersesystems.com/2012/12/16/problems-scala-fixes).
* Configured the Web sphere application server to connect with Oracle Server in the back end by creating JDBC data source and configured MQ Series and **JMS Queues** with IBM **RAD** and **WAS** to create new connection factories and queues.

**Environment: Java, J2EE,JDK 1.6, RCP, WebLogic, AWS SDK, Ext JS, Git, Swing, JFC, PL/SQL, Spring 4.x,  AWS SNS/SQS, Hibernate 4.x,Core Java, SOAP/Rest, Web Services, JavaScript, UML, Web Services, HTML5, CSS, SASS, RAD 7,WAS 8 WSDL, JIRA 5.x/6.x, JAXB, Linux, JAX-WS,JAX RPC, JMS, JSF,UNIX, AKKA, NOSQL(MongoDB), Cassandra, Angular JS, NodeJs, BackboneJS, Scala IDE, JBoss 3.0, ReactJS, AJAX,Apache JMeter, GWT, Drools, JQuery, JUnit, Maven, Oracle 10g..**

**Client: Wolters Kluwer, Irving, TX  
Duration: Sep 2014 – July 2015  
Role: Java/UI Developer**

**Description:** It is a global information services company which serves legal, business, tax, accounting, finance, audit, risk, compliance, and healthcare market. The sheer amount of data required to support healthcare decisions is impossible for one person, or even one organization, to wrangle. That’s why Wolters Kluwer streamlines valuable content and decision support functionality into intelligent databases and integrated tools or API’s. These clinical drug information API’s are then utilized by software or EMR solution for the clinicians.

**Responsibilities:**

* Developed the **J2EE** application based on the **Service Oriented Architecture (SOA).**
* Client-Side code were written in **ReactJS, JQuery and server Side Code** were developed using **MVC4.**
* Developed Web Services **SOAP/HTTP**, **SOAP/JMS, and SMTP** using **SOA** technologies such as **SOAP, WSDL and UDDI.**
* Extensive use of **core Java Collections, Generics, Exception Handling, and Design Patterns for functionality**, such as portfolio summary and user information.
* Designed Interactive GUIs using **Java Applets and Swing/JCF**.
* Integrate the **ExtJS** framework with Oracle BPM. Developed web-based applications using Python, CSS and HTML.
* Developed monitoring and notification tools using Python. Wrote Python routines to log into the websites and fetch data for selected options.
* Wrote **SQL** **queries, stored procedures** and enhanced performance by running explain plans.
* Developed the functionalities under **Agile Methodology JIRA** processes**.**
* Worked in all the modules of the application which involved front-end presentation logic developed using **Tiles with Spring MVC**, **JSP**, **JSTL** and **java script**, Business objects developed using POJOs and data access layer using **Hibernate** framework.
* Have been working on **Query optimization, functions and Stored Procedures** **and other database objects. Worked on Oracle9i/10g, My Sql.**
* Involved in writing **Thread** Safe blocks for **multithread** access to make valid transactions.
* Enhanced user experience by designing new web features using MVC Framework like **BackboneJS** accommodate these advanced and fast technologies.
* Responsible for the implementation of application system with **Core Java** and **spring** framework.
* Created and injected **springservices**, **springcontrollers** and DAOs to achieve **dependency injection** and to wire objects of business classes.
* Designed and Implemented **REST** web services using **JAX-RS, Spring REST**.
* Worked with **Swing** and **RCP** using Oracle ADF to develop a search application which is a migration project.
* Used **HibernateTransaction Management, HibernateBatch Transactions, and Hibernatecache concepts.**
* Developed screens using **JSP, JavaScript, AJAX and Ext JS.**
* Database development required creation of new tables, **PL/SQL** stored procedures, functions, views, indexes and constraints, triggers and required **SQL tuning** to reduce the response time in the application.
* Focused on **Test Driven Development (TDD)** thereby creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Experience in **NoSQL (MongoDB)** in using Hierarchy Modelling Techniques like Tree Aggregation, Adjacency Lists and materialized paths.
* Integrated the Java code (API) in **JSP** pages and responsible for setting up **AngularJS framework for UI development.** Developed **HTML** views with **HTML5, CSS3/Sass, bootstrap, NodeJs and AngularJS.**
* Configured the Web sphere application server to connect with **DB2, Oracle and SQL** Server in the back end by creating JDBC data source and configured **MQ Series with IBM RAD and WAS** to create new connection factories and queues
* Used **Apache Maven** for project management and building the application.CVS was used for project management and version management.

**Environment:J2EE, Java 1.6/1.7, Swing, JFC, Spring framework, JMeter, Git, Scala, Spring MVC, JSP 2.0, Eclipse RCP plug-in/ SWT , JSF, Servlets 2.3, Hibernate, AJAX, Core Java, Web services , SOAP, XML, Java Beans, XStream, Apache POI, Ext JS, Angular JS, Linux, NodeJs, ReactJS, BackboneJS, JQuery, Python JavaScript, Oracle 10g, IBM RAD 7.5, WebSphere 7.0, Agile Methodology, NOSQL(MongoDB), Design Patterns, CVS, Apache Maven, JUnit, HtmlUnit, XSLT, HTML 5/DHTML.**

**Client:Valley National Bank, Wayne, NJ**

**Duration: July 2013 – Aug 2014**

**Role: Java/J2EE Consultant**

**Description:** Securities lending system provides a single, centralized, real-time system for borrowing and lending of securities like stocks, Fixed Income Instrument (T-bill and T-notes). Requests to borrow are routed to specified lenders and associated execution information is returned to the borrower without manual intervention. Securities Lending System has Desktop Client for call center and website for international users. User can specify time limit, rebate rate, collateral type, delivery details, maximum price and books.

**Responsibilities:**

* Involved in the Analysis, Design, Coding, modification and implementation of user requirements in the online banking automation application.
* Developed an integrated interface to diverse banking and investment legacy systems to facilitate customer service.
* Developed web application based on **J2EE Struts framework**. Developed the front-end using **Java Swing** (involved UI design, user generated event handling, incorporation of underlying functionalities as per the laid down specifications) and involved in incorporating business logic.
* Creating procedure and fine tuning the existing procedure to handle huge amount of transaction.
* Developed Business requirements by using use case and sequence diagram for the application.
* Reviewed code and encouraged developers to use key design patterns, such as **façade, singleton**, **factory, command, proxy, strategy, decorator**, etc.
* Created an **XML** configuration file for **Hibernate** -- Database connectivity.
* Configured **Hibernate** objects as Spring Beans in the Spring Configuration File.
* Configured the **Hibernate configuration** files to persist the data to the **Oracle 9i 10g Database**.
* Created connections to database using **Hibernate session Factory**, using **Hibernate APIs** to retrieve and store images to the database with Hibernate transaction control.
* Implemented persistence layer using various features of **Hibernate framework** like **HQLqueries**, Criteria etc.
* Worked with NoSQL database MongoDB and worked with it to perform many different operations
* Implemented as well as exposed web services using **Apache Axis** and **JAX-WS**.
* Followed **Test Driven Development** (TDD), Scrum concepts of the Agile Methodology to produce high Quality Software.
* Created interactive reports by using **DHTMLX** for Sales Department.

**Environment: Java, J2EE, Servlets, Struts (MVC), Spring Framework, Swing, Hibernate 3.0, WebSphere 6.0, Eclipse IDE, JSF, JSP, JPA, JDBC, EJB, HTML, JavaScript, WebSphere MQ Series, DHTML, Web services, CSS, JQuery, SOAP, WSDL, JDK 1.5, Mongo DB, Agile, SQL, JUnit, Win NT & UNIX.**

**Client: Wright Patt Credit Union, Dayton, OH**

**Duration: April 2012 – June 2013**

**Role: Java/J2EE Developer**

**Description:**The project included archival, retrieval and viewing of details of each and every Wright Patt Credit Union Bank user worked on. The whole process starts from the moment a cheque is deposited by a customer. Once the cheque is scanned, the front and back image of the cheque is standardized according to Check 21 regulations specified by US Banking agencies. Along with Cheque images, data from the cheque is also extracted and archived. These include Account Number, Endorsements, and MICR Number etc. Based on Client Request, data, image or both are retrieved and given to the customer

**Responsibilities:**

* Designed Use Case and Sequence Diagrams according to **UML** standard using **Rational Rose**.
* Implemented **Model View Controller** (MVC-2) architecture and developed Form classes, Action Classes for the entire application using Struts Framework.
* Performed client-side validations using **JavaScript** and server side validations using in built **Struts Validation Framework**.
* Implemented the data persistence functionality of the application by using **Hibernate** to persist java objects to the relational database.
* Used **Hibernate Annotations** to reduce time at the configuration level and accessed **Annotated bean** from **Hibernate DAO layer.**
* Used **HQL statements** and procedures to fetch the data from the database.
* Transformed, Navigated and Formatted **XML** documents using **XSL, XSLT**.
* Used **JMS** for asynchronous exchange of message by applications on different platforms.
* Developed the view components using **JSP, HTML, Struts Logic** tags and Struts tag libraries.
* Involved in designing and implementation of **Session Facade, Business Delegate, Service Locator** patterns to delegate request to appropriate resources.
* Used **JUnit** Testing Framework for performing Unit testing.
* Deployed application in **WebSphere Application Server** and developed using Rational Application Developer RAD.

**Environment: Struts 2.0, Hibernate 3.0, JSP, RAD, JMS, CVS, JavaScript, XSL, XSLT, Servlets 2.5, WebSphere Application Server, Oracle 10g.**

**Client: Mayo Clinic, Minneapolis, MN**

**Duration: Oct 2010 – Mar 2012**

**Role: Java Developer**

**Description:** The Agent Portal project involves the design and development of a Web based application to provide online insurance services. The web application provides functionalities such as policy management, profile management, and claim reporting

**Responsibilities:**

* Worked on the development and testing of the infotainment module using **Agile (SCRUM)** methodologies.
* Developed Struts based presentation layer, **hibernate** based **DAO** layer and integrated them using **Spring Dependency injection, ORM and Web modules**.
* Designed and developed persistence layer designed on **ORM** framework principles and developed it using **Hibernate/JPA and DAO** design pattern.
* Developed Server-side components using **spring** framework.
* Used **JBoss** Drools as the business rules engine to create and maintain the Business rules and Drools Guvnor as the Business Rules manager
* Developed the user interfaces using **Java Script, HTML, DHTML, CSS and AJAX**.
* Created Unit test cases using Junit and used Log4J for logging
* Used **SOAP UI** for testing the **SOAP** web services.
* Developed **PL/SQL** scripts, functions, triggers and stored procedures for the Oracle 10g database.
* Developed a test report using Karma.

**Environment:Agile(SCRUM), Java 1.6, struts 2.0, Hibernate 3.0, JBoss Drools, Drools Guvnor, Business Rules**

**Client:AIG Life Insurance, Hyderabad, India**

**Duration: May 2009 – Sep 2010**

**Role: Java Developer**

**Description:** This system provides Patient Administration, Billing and Pharmacy Management functions for the hospital. The Major function of this system is to provide and share the patient health records and access with other insurance companies through SOAP services.

**Responsibilities:**

* Involved in complete software development life cycle with object-oriented approach of clients business process and continuous client feedback. Worked on designing and developing a complete service-oriented system based on **SOA** principles and architecture in agile development environment.
* Involved in the testing of the web services to establish time taken to attach and send huge PDF.
* Developed user interfaces using **JSP** and form beans with JavaScript to reduce round trips to the server.
* Involved in development of controller component using Servlets and view component using **JSP, XSLT, CSS, HTML** and **JavaScript** for the client-side validation.
* Created use cases diagrams, activity diagrams, sequence diagrams and class diagrams.
* Designed and implemented UI layer using **JSP, Java Script, XML, XHTML, XSL, XSLT and business logic using Servlets, JSP** and **J2EE** framework.
* Worked on **Spring-DAO** based declarative transaction management.
* Implemented **Hibernate** and **spring** framework.
* Involved on the back end to modify business logic by making enhancements.
* Responsible for writing JavaScript for the validation in client side.
* Involved in design and implementation of contract Web service.
* Involved in the business logic-coding framework to seamlessly map the business logic into respective value beans.
* Used **Eclipse** for application development.
* Involved in publishing the **web services** to help users interacting with web services.
* Worked closely with requirements to translate business rules into business component modules.
* Involved in the migration of independent parts of the system to use persistence technology such as **JDBC**.
* Developed functions and store procedures using **SQL** and **PL/SQL** for the application.
* Wrote database queries using **SQL** and **PL/SQL** for accessing, manipulating and updating Oracle database.
* Used **Clear Case** to merge code and deploy them in to a central depository location.
* Extensively implemented telecom operational support system **(OSS)** in development.
* Multithreading used to enhance interaction between rate matrix and **ECM** systems.

**Environment:Java 1.5, J2EE, SOA services, JPA, JSP, Agile/Scrum, Eclipse, HTML, DHTML, XML, JavaScript, AJAX, WebLogic 10.3, ANT, Apache Axis, WSDL (Restful), SOAP, XML, LDAP, TCP/IP, JavaScript, OSS, Clear Case, XSLT, CSS, JMS, Oracle 10g, Spring, SQL, Pl/SQL.**