**Thirupathi Kola**

**515-635-4565**

[**tirupatik9343@gmail.com**](mailto:tirupatik9343@gmail.com)

**SR.JAVA/J2EE DEVELOPER • FULL STACK DEVELOPER**

**PROFESSIONAL SUMMARY:**

* **Over 9+ years of experience and backed with rich domain knowledge, understanding IT technologies& design principles. Experience in analysis, design, development, documentation, implementing and testing of software systems in Java 1.8, J2EE, Akka, Scala, python, REST API, MySQL and AWS.**
* Expert in Various Agile methodologies like **SCRUM, Test Driven Development (TDD), Incremental** and **Iteration methodology, Pair Programming, Agile Development** &**Testing using Software Development Life Cycle.**
* **Experienced in Development, Testing and Deployment of enterprise applications on Windows, Linux and UNIX platforms using IDE's such as Eclipse, STS, Rational Application Developer (RAD), NetBeans, IntelliJ 14.x.**
* **Developed core modules in large cross-platform applications using JAVA 1.8, J2EE, SPRING, JSF, iBATIS, Hibernate, JSP, Servlets, EJB, JDBC, Web Services (SOAP, REST), E-Commerce, Micro Services.**
* **Developed UI modules using AngularJS, Node.js, JavaScript, Ajax, jQuery, Cordova, CSS3 and HTML5.Experienced in Full stack UI technologies using Grunt JS, Gulp Server, Yeoman generator for Angular.**
* Experience in various **JavaScript** Web application related libraries such as **Backbone.js, React JS, micro JS, Require.js, Polymer.js, Knockout, EJS, Bootstrap, GWT.**
* Experience in developing cross platform server-side applications using **Node.js** to achieve scalability in real-time web applications. Good knowledge in **Twitter Bootstrap** and **Responsive Design**.Worked on **Microsoft Azure** cloud service.
* Hands on experience for **HTML/CSS/JSP** direct coding with focus on **Cross-browser/Cross-platform compliance.**
* **Experience in SPRING Framework modules such as SPRING MVC, IOC, AOP, JDBC, JTA, IO, SPRING Dashboard, SPRING Boot, SPRINGMicroservices, SPRING REST, SPRING Eureka, Netflix, Zuul Proxy.**
* **Experienced in implementing Service Oriented Architecture and Web Services using SOAP and REST.**
* **Strong understanding of Microservices patterns Circuit Breaker/Hystrix, DDD, Aggregator, Proxy Chaining.**
* **Developed applications using technologies like EJB3.2, SPRING 3.x/4.x, Hibernate3.2/4.x, REST based Web services (Axis2.0, JAX WS 2.0, JAX RS), Rule Engines (Drools4.1, ILOG), IBPM tools.**Hands on experience on **AWS.**
* **Extensive experience on services like EC2, Elastic Beanstalk, CloudWatch, CloudFront, CloudFormation, IAM, S3, RDS, Elastic Cache, AMI. Expertise in SPRING Kafka** and **Zookeeper** apart from **JMS** as messagingservice.
* **Experienced in working with SPRING JDBC Templates, JMS Templates, SPRING EAI, SPRING Rest Templates.**
* **Experienced with XML related technologies such XML, XSLT(DOM, SAX), XPATH and DTD.**
* **Experience in database modeling, design and development of PL/SQL stored procedures, packages in relational databases: Oracle, SQL Server, DB2, PostgreSQL andMySQL.**Workedwith**MongoDB** and migrations from **SQL** relational DB to **NoSQL**DBs like **MongoDB**, **Cassandra** and **Couch DB**.
* **Experienced in Middleware persistence frameworks like Hibernate/JPA Entities for mapping Java classes using Hibernate Query Language (HQL), HSQL Named Queries.**Experience on **Apache Spark and Camel.**
* Expertise in testing APIs, Web Services for **SOA**, **DB** and **UI**. **Hands on experience with build tools like Ant, Maven, Gradle and Logging tools like Log4J andSplunk.Experience with Ant, Maven, Gradle, Jenkins, CVS, Git, GitHub.**
* **Experience in testing with JUnit Framework using Mockito and Easy Mock, SPRINGJunit, JMeter, Apigee Edge.**
* **Expertise in several testing environments like JUnit, Selenium, CURL, Jenkins, SoapUI and SystemTesting.**
* **Responsible for support and maintenance of batch jobs, implemented SPRING Batch for huge number of transactions.**
* **Experience in working with web servers like Tomcat 8, WebSphere 8.x/9.x, Jetty, JBOSS7.1.0 and WebLogic 10.0.**
* Experience on**Model-View-Controller (MVC)** architectures using**Rails.Experience in creating Docker images, Containers, push/pull and integrating with SPRING Boot.**Experience on secure authentication like **LDAP**and **Kerberos.**
* Developed Interactive graphs using **D3.js** with **JSON** data.Good understanding of Open shift platform in managing **Docker** containers **Kubernetes** Clusters. Experience on core development for **Groovy and Grails** restful web.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | Java 1.8, J2EE, C, C++, Scala 2.12.1, Akka 2.5.0, Python 3.6.0 |
| **Web Technologies** | SERVLETS 3.1, JSP 3.0, JavaBeans 3.0, Java Servlet API 3.0 |
| **Frameworks** | SPRING 4.3, Hibernate 4.3, Angular JS 2.0, SPRING Security 3.2, SPRING Boot |
| **Application/Web servers** | Apache Tomcat 8, IBM WebSphere 8.x/9.x, Jetty, Jenkins 2.50, WebSphere MQ 7.5 |
| **Relational Databases** | Oracle 10g/11g, SQL server 2012/2014/2016, MySQL 5.7, DB2 11.1 |
| **NoSQL Databases** | MongoDB, Cassandra, CouchDB |
| **Internet Technologies** | HTML 5, JavaScript 1.8, XML 2.0, CSS 3 and CSS 4, jQuery 2.11, Angular JS 2.0, BackBone.JS 1.3.1, Polymer.JS, Node JS 6.0, Cordova |
| **Cloud Environments** | Azure, AWS, Netflix Eureka, Mesos, Kubernetes. |
| **Operating system** | Windows 10, Linux Mint 18.1, Unix |
| **Bug tracking Tools** | JUNIT4.12, Log4j, Drools, ILOG JRules,JIRA 7.0, Bugzilla 4.4.12, Curl 7.36 |
| **Reporting Tools** | Jasper Reports 6.0, Crystal Reports XI, SSRS 5.0 |
| **Methodologies** | Agile, waterfall, TDD (Test-Driven-Development), Scrum |
| **Developer IDE Platforms** | Eclipse, Edit plus, Notepad ++, TEXT PAD, JBuilder, Net Beans 8.0.2, IntelliJ 2017.1, Spring Tool Suite (STS) 3.8.3, GITHUB 2.12.0 |
| **Automation/Build Tools** | Ant 1.10, Maven 3.3.9, Gradle 3.4.1, Docker, Kubernetes |
| **Web Services** | SOAP 1.2, REST 2.0, JAX-WS, JAX-RPC, JAX-RS,GWT, Apache Camel, Mule ESB |

**TECHNICAL EXPERIENCE:**

**Client:Conduent-State of MA- Boston, MA May’ 2018 – Aug’ 2018**

**Role: Full Stack Java 1.8/J2EE Developer**

**Description:** SNAP stands for Supplemental Nutrition Assistance Program. It was formerly known as food stamps and is run by the Department of Transitional Assistance (DTA).

**Responsibilities:**

* Troubleshooting issues that may occur during the test cycle (Functional & load test) for the **ReactJS, Redux** applications on **NodeJS** running on **Tomcat/JBOSS** servers.
* Solved and fixed issues in the existed project from prod environment.
* Developed services that are reusable and interoperable, based on **SOAP, WSDL, JAXWS, JAXRPC Web services.**
* Worked on installation, configuration services such as **Tomcat, Apache, Oracle DB, and Jira**.
* Developed **Stored Procedures, functions, triggers, DDL, DML SQL** queries and **SQL** Loader.
* Wrote Droolrules in both rule flow and drools fusion for fetching the facts from the database.
* Worked on load testing of **SOAP** Web Services using **SOAP UI** and **Apache** **Tomcat** server. Implemented Internationalization using **SPRING MVC Interceptors and SPRING core modules.**
* Developed various Web Services like SOAP/HTTP, SOAP/JMS and SMTP using SOA technologies such as SOAP, WSDL and UDDI.
* Implemented the **MVC** architecture using **NodeJS and ReactJS**.
* Used **SPRING Validation** framework to implement the server-side validations and used **AJAX** to get the data from the server asynchronously by using **JSON** objects.
* Used Spring Core for Dependency Injection/Inversion of control and used Drools rule engine for business logic and used Log4J for logging purposes.
* Defined collections to store data in **Oracle DB.** Developed user interface using **JSP** with **JavaBeans, JS, CSS, jQuery, Node.js, HTML and Ajax** to speed the application.
* Involved in creating dynamic web site design and programming using **HTML5, CSS3, JavaScript and jQuery.**
* Worked on creating new **REST APIs** for the project to access using web applications and mobile applications.
* Developed **Centrify security** system for all **REST API’s** in project.
* Used **Apache CXF 2.7.3** and **Spring 3.0** for developing new **REST** endpoints.
* Developed Test classes using **Junit.**

**Environment: Java 1.8, J2EE, JDK, JBOSS 3.0, SPRINGCore, Hibernate, Drools, Jetty, Core java, SPRING MVC, Hibernate, SOAP/Rest Web services, Ajax, XML, jQuery, HTML5, CSS, SASS, JAX-B, SPRING Boot, React JS, Node JS.**

**Client:ComData- Brentwood, TN July’2016 – Apr’ 2018**

**Role: Sr. Full Stack Developer**

**Description:**Comdata is a leading provider of fleet management and B2B payment solutions. As the largest fuel card provider and second largest commercial issuer of MasterCard in North America, we offer one of the most comprehensive suites of payment solutions on the market.

**Responsibilities:**

* Defined and constructed layers, server-side objects and client-side interfaces based on **J2EE** design patterns, Developed **SPRING and J2EE based MVC (Model-View-Controller) framework for the application.**
* Designing and implementing the User Interface using **OO JavaScript, HTML, CSS/CSS3, SASS and AJAX.**
* Used **React JS** as it can be run on the server. For rendering the virtual **DOM**, and returning to the browser as a regular web. Worked on **React JS** Virtual Dom and **React**views, rendering using components.
* Implemented the associated business **modules integration** using**SPRING** and **Hibernate data mapping.**
* Used **SPRING dependency injection**, **annotations and SPRING MVC components** to implement business layer and navigation part of application. Developed **design patterns** such as Business Delegate, MVC, Singleton and Factory.
* Developed **several REST web services** which produces **both XML and JSON** to perform tasks.
* Worked extensively on **SPRING boot** for building web service. Responsible for creating and maintaining architecture for Restful API using **Spring Boot**. Integrated Apache Camel (**ESB**) with **Spring boot**.
* Worked on **Rest Web services** as well as **Node Rest framework** for backend services, used **Mongo DB (NoSQL)** for database services.Used various **jQuery** and **Bootstrap** plug-in like **date picker, Bootstrap** selectors.
* Wrote SQL **queries, stored procedures** and enhanced performance by running explain plans. Developed several **SOAPs based JAX-WSWeb Service** interfaces for integrating multiple systems, code re-usability.
* Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as payment status report. Worked on automation platforms like **Ansible**.
* Actively involved in using **MVC, HTML5** to enable client-side date to meet specific criteria by applying various validation variables and used the **Backbone JS** validation CSS classes to provide visual feedback on validation.
* Developing scripts for build, deployment, maintenance using **Jenkins, Docker, Maven, Python** and **Bash.**
* Used **multithreading** in programming to improve overall performance.Developed various helper classes needed using **multithreading.** Involved in writing **Thread** Safe blocks for **multithread** access to make valid transactions.
* Setup and build **AWS**infrastructure resources, **VPC EC2, S3, IAM, EBS, Security Group, Auto Scaling,** and **RDS** in Cloud Formation **JSON** templates.Configured **AWS IAM** and Security Group in Public and Private Subnets in **VPC.**
* Worked on dynamically add and remove servers from**AWS**production environment. Used **log4j** for logging and **SVN** for version control.Utilized **AWS Lambda** platform to upload data into **AWS S3**.
* Used **JavaScript, jQuery** for user interactions in pages. Experienced in using **Zookeeper** and **Oozie** Operational Services for coordinating the cluster and scheduling workflows. Cluster coordination services through **Zookeeper**.
* Implemented Event Sourcing using **Akka** and used **Akka** concurrency for processing PDL files. Created a **RESTful API** endpoint using Scala and **Akka**. Used to test performance both on static and dynamic resources using **JMeter.**
* Custom **Node.js** proxy used to simulate API responses. 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).Used slick to query and storing in database in a **Scala** fashion using the powerful **Scala** collection framework.
* Oversaw all aspects of testing **JUnit, FIT, and SIT, End to End, Regression**, User acceptance and Performance.Used **Git** as Version Control System for the application and used **log4j** for logging. Designed, developed, tested, integrated, and deployed large numbers of complex rules in **rule flows, Drools Fusion** and **Drools** CEP. Installed and configured **JBOSS/Drools** server with MySQL/Oracle persistence.
* Configured the **JBOSS** application server to connect with Oracle Server in the back end by creating JDBC data source and configured **MQ Series** and **JMS Queues**.

**Environment: Java, J2EE, JDK 1.8, SPRING4.x, hibernate 5.x, Core Java, SOAP/Rest, Web Services, JavaScript, UML, Web Services, Groovy and Grails., HTML5, CSS, JIRA, Linux, JAX-WS, JMS, JSF, UNIX, AKKA, Docker, Maven, MongoDB, JS, Scala IDE, ReactJS, AJAX,Apache JMeter, jQuery, JUnit, Oracle 11g.**

**Client: Wells Fargo Bank - St. Louis, MO Dec’ 2014 –June’ 2016**

**Role: Java Full Stack Developer**

**Description:**  Wells Fargo is one of the largest financial services companies in the United States. Loan Automation Module (LAM) was established to support Wells Fargo's customers by allowing them to apply for auto loans online. This project is an enhancement to the current offering and is a redesign of the application.

**Responsibilities:**

* Involved in preparing System Requirements and detailed Design document for the project.
* Extensively used **MVC**, **Factory**, **Delegate** and **Singleton** design patterns.
* Extensively used various modules in**SPRING like AOP, DI (Ioc), Bean Wiring, SPRING Inheritance, Auto Wiring, SPRING JDBC Templates and SPRING Quartz Schedulers for Jobs.**
* Involved in developing components on Reporting Dashboard with **SPRING MVC, SPRING Framework** and **Hibernate** and created Micro Services using **SPRING Boot**.Designed and developed the End Points (Controllers), Business Layer, DAO Layer **using Hibernate** and**SPRING IOC (Dependency Injection)**.
* Extensively worked on **JPA** as persistence layer, involving **EJB3.0 annotations**, synchronizing Data base tables through XML in a secondary project.Extensively used **Session beans** for implementing the business logic of module.
* Developed **WSSOAP/HTTP**, **SOAP/JMS, SMTP** using SOA technologies such as **SOAP, WSDL**an**d UDDI**.
* Developed UI application modules using **HTML**, **CSS** and **JavaScript, AngularJS, JSON, jQuery** and **AJAX**.
* Participated in the product development life cycle via rapid prototyping with **wireframes** and **mockups.**
* Extensively used/modified **JQUERY** to perform **AJAX** calls for creating interactive web pages on **JSON** response.
* Client-Side code were written in **ReactJS**, **jQuery** and **server-Side Code** were developed using **MVC4**.
* Used **Angular Routing** for navigating between screens and developed several reusable directives.Involved in doing unit testing using **JUnit** and **Mockito**.Deployed scalable infrastructure on **AWS** and configuration using **Puppet**.
* Migrated test and use cases for applications to**AWS**cloud with public and private IP ranges to accelerate development.
* Used **Apache Cordoba** for Responsive Web Design.Created and running the **JMeter scripts for load testing**.Involved in consuming, producing **SOAP** based web services using**JAX-WS**.
* Developing **Docker** images to support Development and Testing Teams and their pipelines; distributed **Jenkins**, **Selenium** and **JMeter** images, and **Elastic Search**.
* Developed**puppet** module to automate deployment configuration and lifecycle management of key clusters.
* Utilized **Kubernetes** and docker for the runtime environment of the CI/CD system to build, test anddeploy. Also, used monitoring platform on **Kubernetes** to report detailed resource usage information.
* Designed and developed **SPRING MVC** application using **SPRING, IBATIS, JSP, JSTL, View Objects(VO), JavaScript, JQUERY,ORACLE**.Developed common library using **iBATIS** to execute various DB commands.
* Experience setting up **Apigee Edge** environments and configuring various components.Worked on high availability, load balancing and failover configurations with **Apigee**.
* Knowledge of health checks and monitoring procedures for **Apigee** components & APIs.Written Stored Procedures and Views on SQL Server to be used in various **Crystal Reports**.
* Design the**Elasticsearch** configuration files based on number of hosts available, naming the cluster and node accordingly.Used **Git** as Version Control System for the application and used **log4j** for logging.
* Working on **Azure** for highly available customer facing B2B and B2C applications. Converted .Net application to **Microsoft Azure** Cloud Service Project as part of cloud deployment.Migrated SQL Server 2008 database to Windows **Azure** SQL Database and updated the Connection Strings.
* Developed Applications using **Rule Engines, Drools**. Explored **Drools** modules such as **DroolsExpert, Drools Fusion**, and **Drools** Flow, which adds event processing capabilities to the platform.
* Database development required creation of new tables, **PL/SQL Stored Procedures**, **Views**, **Indexes** and **Constraints, Triggers** and required **SQL** tuning to reduce the response time in the application.
* Responsible for writing the Design Specifications for the generic and application specific web services in **Groovy and Grails.** Worked on web application development using **Groovy Grails**jQuery, AJAX and D3.js.
* Creating **cross-browser** compatible and standards-compliant **CSS**-based page layouts. Developed Unit test cases using **JUnit, Mockito and Easy mock.**  Developed **Maven scripts** and developed builds using **Maven** and continuous integration servers like **Jenkins**. Consumed **Web Services**for getting information from third party application.
* Developed Unit test cases using **JUnit, Mockito and Easy mock.**  Developed **Maven scripts** and developed builds using **Maven** and continuous integration servers like **Jenkins**.
* Utilized **DOM, SAX** parser technologies in implementing **XML** parsing framework.Installed and configured **WebSphere Process Server 6.1** and **WebSphere ESB 6.1**, **WID**.
* Used version control repository **SVN** and **JIRA** for issue tracking.
* Develop unit test using **Karma and Jasmine**. Followed strict patterns of RA team for unit test cases with jasmine.

**Environment: Core Java/J2EE, SPRING, WebSphere Application Server 7.0, Web Services, EJB 3.0, JPA, Apache Axis, Oracle10g, Java Script, AJAX, JSP, HTML, Angular JS, RAD, RSM, Log4j,Docker, SPRING Boot, Azure, Clear Quest, Rational Clear case, AJAX, Bootstrap.**

**Client:****Ally Financial - Southfield, MI Sep’ 2013 – Nov’ 2014**

**Role: Senior Java/J2EE Developer**

**Description:**Smart Auction is an online auction process that eliminates shipping, preparation and fee expensed incurred with a traditional auction and dramatically expands the audience of potential buyers for each vehicle. The system runs the auction from 9am until 3pm, with daily transactions closed and settled via a nightly batch process. This is a single page application that provides the code access to the system

**Responsibilities:**

* **J2EE** deployment on **WebLogic/JBOSS** servers - QA & Staging. Addressed defects identified in QA phases.
* Troubleshooting issues that may occur during the test cycle (Functional & load test) for the **J2EE** applications on **Struts and SPRING** framework running on **WebLogic/JBOSS** servers.
* Developed services that are reusable and interoperable, based on **SOAP, WSDL, JAXWS, JAXRPC Web services.**
* Well versed with core Java concepts like **Collections, Swing, Serialization and Servlets & JSP.**
* Provided installation, configuration & maintenance of pre-prod and production Cloud environments including services such as **Tomcat, Apache, Jetty, MongoDB, MySQL, and Jira**.
* Developed **POJO** objects and used **Hibernate** as the **Object-Relational Mapping (ORM)** tool to access the persistent data from SQL Server. Hands-on writing **Stored Procedures, functions, triggers, DDL, DML SQL** queries. Experience in writing **SQL, PL/SQL** programming and SQL Loader.
* Did load testing of SOAP Web Services using **SOAP UI** and Apache **JMeter** tools. Developed a GUI to help to read the logs generated by the scripts, the logs were saved in **MongoDB, the GUI was created using flask, D3, jQuery.**
* Implemented Internationalization using **SPRINGMVC Interceptors and SPRING core modules.**
* Implemented the **MVC** architecture using **Backbone.js, NodeJS and Angular.js, ReactJS**. Worked on **Hibernate** object relational mapping according to database schema.Used **SPRING Validation** framework to implement the server-side validations and used **Ext JS** **AJAX** to get the data from the server asynchronously by using **JSON** objects.
* Effective use of **data structures and algorithms** to solve complex problems, reducing time complexity and memory.
* Delivered mobile app for book reading capability with HTML5 **Sencha** and online services with Flash/Flex.
* Technology leadership for the direction of the Cloud based application using **Node.JS, PDFJS,MongoDB** and MS SQL Server integrating to a proprietary framework.
* Used **JMS (Java Mailing Service) API** to mail notifications upon the success or failure when the backend processes are completed and to send mail notifications regarding any system related problems.
* Defined collections to store data in **MongoDB.**  Developed **PL-SQL** store procedures to convert the data from **Oracle** to **MongoDB.** 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.
* Prepared and presented **UNIX** production and implementation schedules to the Project Manager and client.
* Wrote **PL/SQL** Queries, stored procedures, triggers and prepared statements.
* Responsible for developing the connection pooling for **FileNet** Server implementing **SPRING** framework concepts such as Transaction management and **DAO** support.
* Experience in **SOA** **EIP** using **Apache Camel** **SPRING** Integration Service Mix **Mule ESB.**
* Developed integration modules for disparate clients using **Apache Camel**. Developed a core routing framework for Verizon National Preorder using **Apache Camel**.
* Developed a fully automated continuous integration system using **Git**, **Jenkins**, **MySQL** and custom tools developed in **Python** and **Bash**.Built application interface and web scrapping using **OO designing, UML and python scripting.**
* National level complex problem-solving competition, using **JAVA, Data Structures and Algorithms**.
* Implemented Screen Navigation **using jQuery and SPRING MVC**.Developed Business components using **Java Objects, Core Java, Multithreading, Servlets, and JSP.**
* Involved in creating dynamic web site design and programming using **HTML5, CSS3, JavaScript and jQuery.**
* Built **HTML5** and CSS system for controlling text display issues cross-platform and cross browser.
* Integrated **JPA** persistence using **Hibernate** to save the current state of the **drools** knowledge session using the Spring Framework integration.
* Developedstandard reports using **Oracle** Reports, **APEX** and **XML** Publisher in Distribution, Finance, Manufacturing.Worked on **GWT**platform using **Scribd API** as document repertoire with MySQL as database and Tomcat as server.
* Developed batch processes for financial reporting applications and modules using **Perl** and **Korn** shell scripts on Oracle database, with partitions and sub-partitions.
* Developed Test classes using **JUnit and Easy Mock** and test coverage using **EMMA** plug-in.
* Worked with **Splunk** to logging and analyzing defects status. Knowledge on **Jenkins** builds.

**Environment: Java, J2EE, JDK 1.5, UNIX, JBOSS 3.0, SPRING core, MongoDB, JMeter, Swing, Hibernate, Jetty, Core java, Perl, SPRING MVC, Hibernate, SOAP/Rest Web services, FileNet, Ajax, XML, jQuery, Ext JS, HTML5, CSS, TC Server, SASS, JAX-B, SVN, Maven, Jenkins, Splunk, SPRING Boot, SFX, Splunk, Angular JS, ReactJS, NodeJS, Ext JS, GWT.**

**Client: Bank of the West –San Francisco, CA   Dec’ 2012 – Aug’ 2013**

**Role: Java Developer**

**Description:**Bank of the West is one of the United States largest banks, yet it preserves its local feel and award-winning style of relationship banking. The Scope of this project (Legal Entity On boarding) is to obtain and check the pre-requisites of the customers to avail account in Bank of the West.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose**.
* Developed the applications using **Java, J2EE, Struts, JDBC**.
* **Implemented automation using Selenium WebDriver, JAVA, Selenium Grid, Maven**.
* Worked on various use cases in development using Struts and testing the functionalities.
* Involved in preparing the High Level and Detail level design of the system using **J2EE.**
* Created **struts form beans, action classes, JSPs** following **Struts framework standards**.
* Implemented the database connectivity using **JDBC** with **Oracle 9i** database as backend.
* Involved in the development of model, library, struts and form classes (**MVC**).
* Used display tag libraries for decoration and used display table for reports and **grid** designs.
* Designed and developed file upload and file download features using **JDBC** with Oracle Blob.
* Worked on core java, using file operations to read system file (downloads) and to present on **JSP**.
* Installed and configure **Hadoop**, **MapReduce, HDFS** (Hadoop Distributed File System), developed multiple MapReduce jobs in Java. Experienced in managing and reviewing Hadoop log files.
* **Used PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Designed and developed Application based on Struts Framework using **MVC** design pattern.
* Developed Struts Action classes using **Struts** controller component.
* Experience in designing and developing applications in **Spark** using **Scala** to compare the performance of **Spark** with **Hive** and **SQL/Oracle**. Consumed the data from **Kafka** using **Apache spark**.
* Used **Spark-Streaming APIs** to perform necessary transformations and actions on the fly for building the common learner data model which gets the data from **Kafka** in near real time and Persists into **Cassandra**.
* Implemented service layer on top of **Cassandra** using core Java and Restful API. Worked with **NoSQL Cassandra** to store, retrieve, and update and manage all the details for Ethernet provisioning and customer order tracking.
* Developed **XML** applications using **XSLT** transformations.**Apache Ant** was used for the entire build process.
* Created **XML** document using **STAX XML API** to pass the XML structure to Web Services.
* Used **Rational Clear Case** for version control and **Junit, EasyMock** for unit testing.
* Configured **WebSphere** Application server and deployed the web components.

**Environment: Flex, EJB, Struts,SPRING, JSP1.2, Servlets2.1, Jasper reports, JMS, IBM MQ, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, XSLT, XML, UML, HTML, JNDI, Rational Rose 98, Oracle 9i, IBM Web Sphere 6.0, ClearCase, Log4J, ANT, JUnit, IBM RAD, and Apache Tomcat, RAD, Kafka, Cassandra, Apache Spark.**

**Client: MassMutual financial group - Enfield, CT Sep’ 2011 –Nov’ 2012**

**Role: Web Developer**

**Description:** The Mass Mutual New Business System is the industry's most advanced and comprehensive new business processing and underwriting system for life insurance. MMNBS accommodates Term life insurance products. The information is collected from both the end-customer and agent through web-based e-forms, as well as from external data sources for background checks. The framework encompasses the features like Developing Products and Plans, Case Management, Creation and management of requirements, Underwriting Management, Approval and Issue, Settlement.

**Responsibilities:**

* Responsible for creating efficient design and developing User Interaction screens using **HTML, CSS, JavaScript, Angular, jQuery, AJAX and JSON**.
* Developed dynamic e-mails using **JavaScript** and hand coding of **HTML5, XHTML, an CSS3.**
* Created Dashboards using Java and servlets along with **HTML** and **JavaScript.**
* Developed responsive and interactive pages using **Angular 1.0** and **Node.js frameworks**.
* Implemented various Validation Controls for client-side validation and implemented custom validation controls with **JQUERY and JavaScript.**
* Created basic animation for **jQuery** and rich interface components such as tabs & accordion.
* Used **AJAX** to make asynchronous calls to the server to fetch data and update the DOM.
* Worked closely with **UX** team to translate designs and wireframes to code.
* Experienced in **DOM manipulation**, Event Handling, Event Bubbling, and integration with **RESTful** services.
* Experience in **cross browser** compatibility check and thoroughly performed unit testing and integration testing.
* Developed the middle tier using **EJBs** and Cross-browser compatibility..
* Developed **session, entity beans and message driven beans**.
* Entity Beans used for accessing data from the **SQL Server** database.
* **jQuery** opinionated about how a **CRUD** (Create, Read, Update, Delete) application should be built.
* Prepared high and low-level design documents for the business modules for future references and updates.
* Deployed the application on **WebSphere** application server in development and production environment.
* Undertook the Integration and testing of the various parts of the application.
* Developed automated Build files using **ANT**.Used Subversion for version control and **log4j** for logging errors.

**Environment**: **Java/J2EE, EJB, JMS, Servlets, JSP, JDBC, HTML, CSS, JavaScript, AngularJS, AJAX, JUnit, Websphere 7.0, Eclipse, ANT, SQL Server 2000, log4j, Subversion, Windows NT.**

**Client: SQL Star International - Hyderabad, India Feb’ 2009– Aug’ 2011**

**Role: Jr. Java/J2EE Developer**

**Description:** SQL Star provides high-end IT Training to aspiring and practicing IT professionals as well as Corporate Executives. This site hosts and provides online student information for different courses. This site has been developed using Object Oriented Technologies via Java, JSP, Servlets and Java Beans. Students, Staff and the Administration of the institute, use the site. It provides information on Courses offered, Progress of the students, Daily Tests, Weekly Tests, Knowledge Support for students etc. Students can even provide feedback; seek fee details and other information.

**Responsibilities:**

* Involved in the requirements gathering. Design, Development, Unit testing and Bug fixing
* Developed application using **Struts**, **SPRING**and **Hibernate.**
* Developed rich user interface using **JavaScript, JSTL, CSS, jQuery and JSP’s.**
* Developed custom tags for implementing logic in JSP’s.
* Used Java **script, jQuery, JSTL, CSS and Struts 2 tags** for developing the JSP’S.
* Used custom tags to display logic specific data in **JSP's**.
* Involved in making release builds for deploying the application for test environments.
* Encryption and Decryption using **symmetric keys.**
* Implemented several **design patterns** such as **Business Delegate, MVC, Singleton** and **Factory.**
* Used **Oracle** database as backend database.
* Wrote **SQL** to update and create database tables.Used **Eclipse** as IDE.
* Using **RIDC** Interface get content details and Create Content through application.
* Used **JBOSS** as application server and**SPRINGIOC** for injecting the beans.
* Used **Hibernate** for connecting to the database and mapping the entities by using hibernate annotations.
* Created **JUnit** test cases for unit testing application.
* Used **JUNIT** and **JMOCK** for unit testing.

**Environment:J2EE, Java, Struts, Tiles, JSP, JNDI, Clear Case, SOAP, WSDL, UDDI, JAXB, JAXP, XML Schema (XST), EJB 2.0, ANT, JavaScript, JMS, Rational Rose, WSAD, DB 2.**