**Rohit Birra**

**Sr. Java Full Stack Developer**

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**PROFESSIONAL SUMMARY:**

* Over **8+ Years** of experience in analysis, Design, Development,Implementation and Testing of **web based**, **enterprise business** applications using the **JAVA/J2EE technologies**.
* Well experienced in developing applications using **JQuery, React JS, Handlebar JS** for view rendering and implementing **React JS** with **Redux and Flux** patterns to attain **MVC** functionality.
* Experience on working with **CSS background, CSS layouts, CSS positioning and CSS behaviors.**
* Expertise in GUI Design using **HTML, XML, JQuery, Java Script, Polymers, AngularJS, DHTML**, and **JSP.**
* Well understanding in implementing the features of **ES6** like **arrows, modules, block scoping, promises** and **enhanced object literals.**
* Good understanding on using **Aurelia**, the next generation **JavaScript** MVC framework and writing **ECMASRIPT 6** and **ECMASCRIPT 7.**
* Good knowledge on client-side JavaScript framework **Angular 2.x/4.x with NGRX** to achieve **MVVM** design flow using **directives, observables, promises, dependency injection from component to services ,pipes, shadow Dom(to render DOM tree).**
* Strong experience in developing **Dynamic Single Page Application (SPA)** using MEAN **(Mongo, Express Angular and Node**) full stack development tool kit.
* Highly used **Angular 2 router** to build a **single page application** for navigating through the different status and multiple modals.
* Good amount of hands-on experience in developing server-side JavaScript frameworks using **Node JS** (**Hapi JS**, **Express JS)** to build **event driven, non-blocking i/o model** web applications.
* Expertise in using Java Script build tools and task runners like **WebPack**for React and Angular 2.0/4.0**, Grunt, Gulp** for Angular 1.0, **Browserify** for packaging **Node JS** modules for browsers.
* Extensive work experience in usage of bundle package and task runner tools like **NPM, Bower** on UI testing with **Karma**, **Jasmine**, **and Protractor** for AngularJS**, Mocha** and **Chai** for React JS and Backbone JS.
* Strong Experience in using **XML** Suite technologies (**XML, XSL, XSLT, DOM and XML Beans**).
* Experienced on **Agile Methodology.**
* Good knowledge in developing **single page applications (SPA**) using the **JavaScript** libraries like **AngularJs**and **MeteorJS.**
* Worked extensively with **JAVA 8** features like **Stream API, Time API, Functional Interfaces Multithreading, Transaction Management, Exception Handling and Collection API**.
* Developed **Python scripts** for software build conduct and management support.
* Fulfilling the role of a release engineer in respects to our **Puppet Code**.
* Having good experience in DevOps tools like **Chef** and **PUPPET** for deployment on multiple platforms.
* Performing Manifest to update the **Puppet agent** using **Puppet Master**.
* Implemented multi-tier application provisioning in **Open stack cloud**, integrating with Puppet.
* Hands-on experience in working with **Denodo platform** on **AWS** for data virtualization.
* Good Experience in using **AWS EC2, S3, Route 53**, **Elastic Beanstalk, Elastic search, AWS Mobile Hub, Amazon messaging services (SQS and SNS)**, **Lambda** and **Amazon Kinesis Services.**
* Used **Docker Container** to address every application across the **hybrid cloud and Docke**r for better collaboration and innovation.
* Developed and deployed **Microservices** based applications using **Spring Boot** and **Spring Cloud**.
* Have good knowledge on different databases like **PostgreSQL, MySQL, DB2, Oracle 13c/11g, Microsoft SQL Server, NoSQL DB (Raven DB, MongoDB and Cassandra, Couch DB, Redis, DynamoDB**) and good experience in writing stored procedures, functions and triggers using **PL/SQL in JDBC, ODBC** and in **WebLogic server**.
* Implemented **pl/sql scripts views, triggers dynamic views, store procedures**.
* Expertise in database modeling and development using **SQL** and **PL/SQL** in **Oracle (10g, 11g, 12c, 18c), DB2** and **SQL** Server environments.
* Expertise to interact with relational databases using **ORM** frameworks like **Hibernate, Spring Data, JPA**, **IBatis**, **MyBatis, Java Persistence API (JPA),** Hibernate’s second level cache -**Ehcache**.
* Have experience using **ODM** frameworks to connect asynchronous environment with **Mongoose Connector** and **Cassandra Node Driver**.
* Expertise in J2EE Technology’s (**Servlets, JSP, JDBC, EJB, JNDI, JSTL, JSON, POJO, JMS, JSF My Faces, Prime Faces, JPA, JAX-WS, JAX\_RS**).
* Excellent understanding of Object-Oriented design methodology and Core Java concepts such as **multi-threading**, **exception handling, generics, annotations, Collections and I/O.**
* Developed projects with **RESTful** services **(JAX-RS (Jersey, Apache CXG, Rest EASY), Spring Rest).**
* **SOAP** (**JAX-WS, Apache CXF, WSDL and Apache Axis2**) and automated the documentation using **Swagger** and **WSDL.**
* Wrote **custom marshalle**r for web services in the application for converting in-memory object into persisting or transportable format and implemented **JAX-B** for **XML Binding**.
* Experience in Application Servers like **WebSphere, WebLogic**and **Tomcat.**
* Strong experience with rule engines like **Drools, ILOG.**
* Experienced in developing middleware applications using **Spring IOC, Spring Integration, Spring WS,** and **Spring WS Security.**
* Better understanding of using **Spring Cloud–Netflix OSS** stack for **micro services** deployment and auto configurations like **Ribbon** (client-side Load Balancer), **Hystrix** (latency and fault tolerance library) **and Zuul** (gateway for routing, monitoring, security) with **Eureka** service registry.
* Implemented **kibanana** and **spunk** dashboards and **log management** with **ELK (log stash serves as data ingestion engine).**
* Expertise to interact with relational databases using **ORM** frameworks like **Hibernate, Spring Data, JPA**, **IBatis**, **MyBatis, Java Persistence API (JPA),** Hibernate’s second level cache –**Ehcache.**
* Actively involved in using business process management tools like **JBPM, Activiti BPM**.
* Good Experience in understanding and usage of **JVM.**
* Extensive experience in Software Configuration Management using Version Control Software such as **SVN, CVS** and **GIT.**
* Experience in building tools like **Ant & Maven,** loggingwith **Log4j, Test Driven Development** using **Junit.**
* Good knowledge in implementing various **Design Patterns Singleton, Factory pattern, Abstract Factory pattern and DAO pattern.**
* Good knowledge on providing authentication and authorization for web services using **OIDC (Open ID Connect)** on top of **OAuth 2.0**. And **spring security, Site minder (for pol based authentication and single-sign on)** and **JWT (JSON web tokens for securely transmitting information between parties as a JSON object).**
* Worked in both **Unix/Linux** and **Windows** based development environments.
* Good Knowledge of using IDE Tools like **Eclipse, NetBeans, Rational Application Developer (RAD)** for Java/J2EE application development.
* Implemented a metrics collection mechanism for the server by utilizing **Apache Kafka** to **stream server-side events.**
* Experienced working on several **Docker components** like **Docker Engine, Hub, machine, compose and Docker registry**.
* Experience in creating the environment for **Docker Migration** and **dockized** all the services and applications.
* Designed and developed **automated deployment** and scaling processes based on **Docker** for all services and deployed **Docker Containers to vagrant boxes** using **Ansible.**
* Worked with **Docker container** infrastructure to encapsulate code into a file system with **abstraction and automation.**
* Implemented testing environment for **Kubernetes** and administered the **Kubernetes Clusters**.
* Deployed the **Zero down Deployment** using **Kubernetes orchestration service application.**
* Experience in Configuring and deploying applications on BEA **Web Logic 8.x/7.x, Apache Tomcat 4.x** and **Web Sphere Application Server.**
* Implemented  **pivotal cloud foundry** to deploy **IAAS** and **PAAS a**nd to run own applications**.**
* **Automated the deployment process by integrating code repository using** build pipeline **Jenkins**, **Bamboo** and**GoCD** for Continuous Integration and Continuous Deployment that can run on the cloud or on-premises.
* Experience in using **ANT, Gradle and Maven** for build automation.
* Strong Knowledge on automated java-based integration testing and behavioral testing of the applications using **Selenium (connects you to your browser), Unit testing, Junit4, TestNg, (organizes the tests) mockito,** (**power mock for mock) and** for **rest testing mockmvc** and **Fluent API, mockers service server for spring rest template testing.**
* Using **Swagger Framework**, actualizing the **Restful API** and **Swagger** gives the rich **UI to test API**.
* Good Experience in software configuration management using **SVN, GitHub, Gitlab, Bigbuket**.
* Experienced in using Operating Systems like **Windows 7/ 98 / 2000 / NT / XP, UNIX, LINUX.**
* Experience in Java **Thread Dump Analysis** and familiar with thread dump techniques.

## EDUCATION:

**Bachelors in Computer Science Engineering at Lovely Professional University, Punjab, India.**

##### **TECHNICAL SKILLS:**

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| --- | --- |
| **Programming** | Java/J2EE, C, C++, PL/SQL, .Net. |
| **Scripting** | jQuery, JavaScript, Shell Script, Python |
| **Frameworks** | Servlets, EJB, JSP, JSF, JDBC, SOAP, WSDL, REST, XML, JAXP, JAXB, JPA, JMS, Spring3.x/4.x/5.x, Hibernate, Spring MVC, Spring Boot, Spring Data, Spring Batch, Spring cloud, Dump Analysis. |
| **IDE** | Eclipse, IntelliJ, NetBeans, IBM Rational Application Developer (RAD) |
| **Web Technologies** | HTML5, CSS3, AJAX, JSON, Bootstrap, Angular2.0/4.0, React JS with Flux, Redux, Ember JS, Knockout JS, BackBone JS, Handlebar JS, NodeJS, Express JS, Hapi JS. |
| **Web Servers** | J Boss, Web logic, Web Sphere, Tomcat, Jetty, JAX-RS, JAX-WS, Apache CXF, Axis, Jersey. |
| **Databases** | Oracle 8i/9i/10g/11i/12c/18c, MySQL, MSSQL Server, Sybase, PostgreSQL, Cassandra, MongoDB |
| **Cloud Technologies & DevOps Tools** | AWS, PCF, EC2, EBS, S3, Docker, ECS, EBS, EKS, SQS, RDS, S3, Glacier, Lambda, Kubernetes. |
| **Database Tools** | SQL Developer, DBArtisan, TOAD, MSSQL Server Management Studio |
| **Reporting Tools** | Jasper Reports, BIRT, Crystal Reports |
| **Build Tools** | Ant, Maven, Gradle, Jenkins, Bamboo Gulp, Grunt, Web pack, NPM, Bower |
| **Other Tools** | JIRA, Confluence, Bam, Puppet, Chef, boo, Sonar, Fisheye |
| **Testing Tools** | Junit, TestNG, Mockito, Jasmine, Karma, Mocha, Chai, Spock, Protractor |
| **Version Control** | Git, SVN, CVS, VSS (Visual Source Safe) |
| **Operating Systems** | Windows (XP, 7, 8/8.1, 10), Linux, Unix, MAC-OS 10.13.2 |

## PROFESSIONAL EXPERIENCE:

## USAA, San Antonio, TX March 2022 – Till Date

## Role: Sr. Full Stack Java Developer

**Client/Project Description:**

**Responsibilities:**

* Implemented **micro service architecture** and created **services** from **scratch using spring boot and node with express.**
* Designed and Developed UI for Customer Service Modules and Reports using **Angular10.0, HTML (for pages), CSS (styling), Bootstrap (speed development, responsive, consistency)**, **and services (display data in our component).**
* Worked with **Angular CLI** and **Typescript** in **Angular 10.0** to create Controllers and Angular components mainly Custom components **(**f**or naming selector, events, and event handlers and to extract template and styles, extracting logic and presenting logic)** for the Web Pages.
* Have worked with **reactive forms**, **template driven forms** and written pipes in **Angular 10.0** to transform the data.
* Developed pages using **Angular10.0 directives**, **expressions, routing** capabilities for bookmarking**, filters**, validations, and **Angular UI** components such as **grid, buttons, carousels, date pickers, modal dialogs**and other input components.
* Development of UI modules using **HTML, JavaScript, Angular10** and **CSS**.
* Created **Ant** build file to build the application and deployed on **Web Sphere Application Server**.
* Deployed and developed my project using **AWS EC2, S3, Data pipeline, Elastic Beanstalk, cloud watch, Elastic search, AWS server migration service, Lambda, Amazon messaging services (SQS and SNS) and Amazon Kinesis services.**
* Used **AWS Elastic Beanstalk** service for deploying various infrastructures which orchestrates various AWS services.
* Used **AWS data pipeline** service for moving data between **AWS compute and storage services** and created complex data processing fault tolerant and repeatable workloads.
* Used **Amazon Elastic search** service for full text search and application monitoring.
* Used **Amazon SQS queuing** service for reliable communication among distributed software components and **micro services** and used **Amazon SNS** push notification service for sending individual messages to mobile device users, email recipients and to distributed users.
* Developed the **micro services** using **Spring Boot** to get a range of non-functional features. And using **spring rest** to create rest producers and rest Clients using spring rest templates.
* Implemented **Spring Circuit breaker pattern**, integrated **Hystrix** dashboard to monitor **spring micro services.**
* Worked in integrating **JMS** with **SPRING BOOT** by providing an instance which is embedded with Active MQ.
* Building **cloud Micro services** and implementing back-end using **Spring Boot**. Andalso, Authored applications using **Spring Cloud services (spring version of Netflix OSS-Eureka that helps in routing, Circuit Breaker, and Ribbon for client-side load balancing)**.
* Used **NoSQL** databases like **Couch DB**handle large volumes of data flow.
* Used the **Couch DB** atlas a cloud hosted database service for managed backups in point in time recovery and one click automated scaling and built-in security
* Optimized **UML** design using patterns like **DAO, Factory, Service Locator** and **Business Delegate.**
* Prototyping new features and ideas – **Google Drive Drawing, Photoshop, HTML, XML, Sass, and React.js.**
* Designed and developed Enterprise Eligibility business objects and domain objects with Object Relational Mapping framework such as **Hibernate.**
* Implemented application-level persistence using **Hibernate and spring.**
* Responsible for migrating existing modules in **IBM MQ** to **Apache Kafka** and worked on creating Kafka adaptors for decoupling the application dependency.
* Implemented **Netflix Zuul API gateway** for all the requests from the devices and websites by registering services to **Eureka**.
* Designed and Implemented **Kafka** producer application to produce near real time data using **Apache Kafka Connect Framework.**
* Integrated Apache Kafka with **Elastic search** using **KafkaElastic searchConnector** to stream all messages from different partitions and topics into **Elastic search** for search and Analysis purpose.
* Implemented and rolled out proof of concepts for logging management (**ELK, Log entries**), writing chef code to deploy these solutions, mocking up dashboards and prototyping example queries of high-value searches.
* Setup and worked on private **VPC** and used **SDN** technology.
* Written **JUNIT (TDD)** test cases for testing Spring Framework classes and wrote many **Java Scripts to do client-side validations using Mockito, power mock, Mock mvc, mock Server, SpringJunit4 runner.**
* Automated different Unit Test Cases using **Jasmine** and **Karma Testing** Frameworks on **Angular 10.0** and  **Mocha and Chao** for **react testing.**
* Used **Docker Container** to address every application across the **hybrid cloud and Docke**r for better collaboration and innovation.
* Used **GULP** for magnification of **JavaScript files**, compilation of **SAAS files** into **CSS** and for monitoring the application.
* Implemented **Spring Security** for providing authentication and authorization for web services.
* Worked with **Jenkins Continuous Integration and Continuous Deployment (CI/CD)**.
* Using **Swagger Framework**, actualizing the **Restful API** and **Swagger** gives the rich **UI to test API**.
* Implemented **JWT (JSON Web Tokens)** for creating tokens to assert claims in the application and thus providing authentication of **RESTful** services.
* Developed unit test cases using **Mockito** **framework** for testing accuracy of code.

**Environment**: **Java/J2EE,Spring,Angular 10.0, HTML5, CSS3, Typescript, Hibernate, Web Logic, Rest, jQuery, JavaScript, React JS,Spring Security, JSON, JSP, WebSphere, Drools, JSTL, Servlets, AWS, SDN, MongoDB, Apache SOLRCRUD, PL/SQL, JDBC, EJB, UML, Eclipse, JUnit, JSF, Maven, JBOSS, Apache Hadoop, Apache CXF, MongoDB, Docker, Amazon Elastic search, HTML, JavaScript,Mockito framework (JUNIT), CSS, Clear case, Jasmine, Jasper Report, Agile, Web 2.0, Adobe Flex, SOAP.**

## United States Department of Agriculture, Washington, D.C. January2021 –February 2022

## Role: Sr. Full Stack Java Developer

**Responsibilities**:

* Developed a **Micro Service Oriented** application with **React JS and Spring Boot Services.**
* Developed various **single page applications (SPA)** using **REACT JS** and used various components in the **REDUX library**.
* Created proof-of- concept using responsive **web design**, **React JS**, developed drag and drop document editing using **React Js**, and Maintained the project in one store with help of Redux, and also worked with Redux architecture.
* Configured **React-Redux** for state management and **React-Router** for programmatic navigation.
* Implemented **Store-Redu**x for holding the whole state tree of application and **Reducer-Redux** for describing actions.
* Responsible for Requirement gathering, **coding, testing and documentation**.
* Extensively worked on **Drools Rules Engine** and Expectation Engine for writing Business Rules Validation.
* Designed and developed the messaging framework for communication between workflow manager and other Enterprise Applications over Java class and **MQ-Series** using **JMS.**
* Implemented a robust **RESTful (Apache CXF)** web service and automated documentation to the web services in the application is provided by **Swagger** by configuring **hapi-swaggered** and **hapi-swaggered-ui.**
* Implemented **Spring Circuit breaker pattern**, integrated **Hystrix** dashboard to monitor **spring micro services,** writing **server-side request handling** and **automated functional test cases** to validate UI functionality using **Node.js**.
* Implemented **Node.js as server-side proxy** for **event-driven, non-blocking I/O model,** which made my applications to **run across distributed devices**.
* Configured **Express JS** node http framework to set up middle-wares to respond to HTTP requests and used its front-end tooling like **web packs, starter packs and boiler plates** efficiently.
* At a later point, migrated from **Express JS** to **Hapi JS** which is configured on top of **Node JS** to attain better performance, to use built in authentication and authorization techniques.
* Good amount of hands-on experience in developing server-side JavaScript frameworks using **Node JS** (**Hapi JS**, **Express JS)** to build **event driven, non-blocking i/o model** web applications.
* Extensively used Microsoft’s Bing Maps control with JavaScript and Silverlight toolkit Controls - Stack Panel, Grid, Dialog Modals, Date Picker, Accordion Item.
* Used **Equella** to put descriptive data in a digital repository and customized it to a video delivery system.
* Worked in integrating **JMS** with **SPRING BOOT** by providing an instance which is embedded with Active MQ.
* **Juni**t is implemented along with **Mokito** to perform unit testing on our **RESTful** web application.
* Implemented **JWT (JSON Web Tokens)** for creating tokens to assert claims in the application and thus providing authentication of **RESTful** services.
* Implemented **Node JS** as a **server-side proxy** for an Implemented **Oauth 2.0** for providing authentication and authorization for web services event-driven, non-blocking I/O model to make the application lightweight and efficient.
* Worked with the development team to create appropriate cloud solutions for client needs.
* Implemented database layer using **EJB 3.0** and **Java Persistence API**(JPA) in maintenance projects
* Responsible for developing Use case diagrams, Class diagrams, Sequence diagrams and process flow diagrams for the modules using **UML** and **Rational Rose**.
* Involved in Preparation of the technical design documents and involved in identifying and implementation of different J2EE design patterns like **Singleton** and **DAO** etc.
* **Wrote Unit Test case using JUnit, Mockito and PowerMock.**
* Worked on **MongoDB** database concepts such as locking, indexes, sharing, replication, schema design**.**
* Created multiple databases with shared collections and chose**shared keys** based on the requirements.
* Experience in managing **MongoDB**environments from availability, performance, and scalability perspectives.
* Experience in creating JavaScript for using DML operations with MongoDB.
* Using Apache Camel framework provided concrete implementations of all the widely used [**Enterprise IntegrationPatterns**](http://www.enterpriseintegrationpatterns.com/) (EIPs) and connectivity to a great variety of transports and APIs.
* **Message broker services** are achieved in the application using **Active MQ** with the JMSframework.
* Contemporary applications rely on relational databases, NoSQL databases and messaging infrastructure for achieving the internet scale. **Cloud Foundry** exposes **MySQL, PostgreSQL, MongoDB, RabbitMQ** and Redis as services that offer the database and messaging capabilities.
* Configured **Kibana** data visualization plugin for **Elastic search**, **Log stash** and created bar, line and scatter plots, or pie charts and maps on top of large volumes of data.
* Configured **Docker container** service and build pipeline **Jenkins CI/CD** tool for continuous integrating and deploying applications on servers**.**
* Responsible for migrating existing modules in **IBM MQ** to **Apache Kafka** and worked on creating Kafka adaptors for decoupling the application dependency.
* Implemented **Netflix Zuul API gateway** for all the requests from the devices and websites by registering services to **Eureka**.
* Authenticating Users and to provide the security to **RestFul** web services using **OAUTH 2.0**.
* Developed code for**iBatis**supporting classes, **SQL** mapping for **Stored Procedures.**
* Created **stored procedures**, triggers and functions using **SQL** Plus to meet user requirements.
* Used **Log4j** for logging errors, messages and performance.
* Integrated with **MDM for managing user data**, login and registration information are retrieved from **MDM** and synced with E commerce database

**Environment**: **Java, J2ee, Java beans, Servlets, JMS, JSP, Drools, Angular 1.2.0, Servlets, GWT, Hibernate, EJB, JPA, Spring,Spring Security**, **Java Script, JDBC, UNIX, LINUX, Mockito, Apache tomcat, Selenium, Spock, Karma, Jasmine, Mocha, Chai, Mokito, Junit, mock mvc, Kubernetes, New Relic, Dump Analysis, Netflix Zuul, Eureka, Swagger, Maven3.**0**, HTML, XHTML, XSLT, JSON, SOAP, WSDL, Eclipse, Web Services, MySQL, SQL Plus, LDAP, Log4j.**

## MoneyGram Payment Systems, Dallas, TX February2019 – December2020

## Role: Full Stack Java Developer

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Requirement Analysis, Design, Implementation, Testing and Maintenance of the project which was modelled using waterfall model.
* Implemented Java Web services based on SOA architecture with **SOAP** and **WSDL**.
* Implemented **SOAP** messages for information exchange for **Web services**.
* Developed **SOAP web services** (JAX-WS) for sending and getting data from different applications **WSDL** generation and exposed the service at server-side over the Internet and tested the services using **JUnit**.
* Design and implemented **Axis** based **Web Services SOAP/WSDL** interface between java and non-java applications.
* Used **Junit**, and **TestNG** frameworks for writing test cases and testing the application functionality.
* Used **Java Message Service** (JMS) for reliable and asynchronous exchange of important information for status reports.
* Used **Agile SCRUM** methodology for developing Application.
* Implemented the Project structure based on **Spring MVC** pattern using **dispatched servlet**.
* Designed various tables required for the project in **Oracle 11**g database and used the stored procedures in the application and Wrote Stored Procedures, Triggers and Functions on SQL Server as well as **PL/SQL** on Oracle to support both databases for the application.
* Repeatedly worked on AWS Cloud platform and its features which include **EC2, VPC.**
* Wrote **GWT** code to create a presentation layer using GWT widgets and event handlers.
* Worked on creating documents in a Mongo database.
* Participated in development of a well responsive Single Page Application (SPA) using AngularJS framework, JavaScript and jQuery in conjunction with **HTML, CSS3** standards, with front-end UI team.
* Used JQ **grid/JSON/AJAX** and Custom **HTML** Helper Classes to implement asynchronous calls to the server to update the changes.
* Used best coding practices with **MVC** architecture in **EXTJS.**
* Designed and integrated **EXT-JS** prompts, designed navigation controllers, added search functionality.
* Developed reusable **EXT-JS** components Such as Viewport, Panel, and Grids.
* Integration of **ADF** application with web center portal.
* Integrated **ADF** application into web center portal and configure the security.
* Deploying ADF application to **WebLogic** server and debugging the application issues.
* Involved in the design and development of Batch Jobs using Spring Batch Architecture.
* Designed various tables required for the project in Oracle database and used Triggers for various database operations.
* Registered all the **RHEL** servers in **Red HatSatellite 5.x, 6.x** and performed necessary patches.
* Used JIRA as a **Change Management/ Work Management/ SCRUM** Agile Tool.
* Used **UNIX/Linux** shell scripting to automate system administration tasks, system backup/restore management and user account management.
* Performed **MVC** frameworks like **SPRING** and Implemented object relational mappings using **JPA Java Persistence API.**
* Used **spring (transaction support modules and JPA).**
* Used **Spring Data JPA** that helped in creating automatic **Data Access Objects (DAOs)** at the compile time.
* **Unit, functional, end-to- end testing** is achieved using **TestNg** framework.
* Integration testing methods and Behavioral driven testing in the application are implemented by using **Selenium** and **Cucumber** respectively.

**Environment**: **JDK 1.5, ADF, Java 8.0, Servlets, RHEL, XML, JSON Rest, Linux,Struts1.2, Selenium, Swing, HTML5, Web Service(JAX-WS) , Oracle, SOAPUI,Eclipse Java EE IDE Neon.3, Jenkins, Git, Log4j, DB2, Grunt, Jasmine, Jenkins, Open Shift, Drools, Maven, TestNg, Protractor, Grunt, Selenium, Cucumber, WADL**,**ANT.**

## Innominds, Hyderabad, January 2018 – January 2019

## Role: Java Full Stack Developer

**Responsibilities**:

* Designed the user interface screen and its functionality as per user requirements and developed **RESTful** Web services.
* Created and consumed **RESTful** based Web services and worked with JMS Queues for sending messages in point to point mode communication.
* Developed dynamic web pages using **HTML5, CSS3, jQuery, Bootstrap, AJAX** for building up a **Monolithic application**.
* Created responsive UI modules using **Backbone JS** with hard coded dependency of **Underscore JS** in combination with **Handlebar JS** for templating.
* Used **Backbone JS** to utilize its minimal set of **data-structuring (models and collections**) and **user interface (views and URLs)** primitives for building a MVC workflow design.
* Performed a lot of **DOM** manipulations using **native JS** and **jquery** for **load manipulating** dynamic content on webpages.
* Accessed Restful resources with HTTP protocol, the URL of the resource serves as the resource identifier and **GET**, **PUT**, **DELETE**, **POST** and **HEAD** are the standard operations.
* Performed **Backbone JS** unit testing using **Quint** test framework.
* Used Design Patterns like **Singleton, Factory, Session Facade and DAO**.
* Used spring and Hibernate for implementing **IOC, AOP** and **ORM** for back end tiers.
* Developed screens using **HTML5, CSS, JavaScript, JQuery**and **AJAX**.
* **JAX-RS** API generic and pluggable interface called **Message Body Writer** for doing the custom marshalling.
* Developing and editing user Interface Screens using **JSP, HTML5.0, JavaScript** and **node.js**.
* Used **Ajax** for sending and retrieving data from server by giving URL to get **JSON** data for models and to populate models from the server.
* Extensively used **Hibernate mappings, HQL, EHCache, Query, Lazy loading Transactions** and **Locking**.
* Used DAO pattern to fetch data from databases using **Hibernate** to carry out various database operations.
* Used **Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.**
* Created and injected **spring services, spring controllers and DAOs** to achieve dependency injection and to wire objects of business classes.
* Used **SpringInheritance** to develop beans from already developed parent beans.
* Extensively used various Spring Framework modules like **MVC, DI (IOC), Auto Wiring, JDBC Templates and Spring Security**.
* Implemented **Spring Security** for providing authentication and authorization for web services.
* Exposed the Web Services to the client applications by sharing the **WSDL's**.
* Developed various **generic JavaScript** functions used for validations.
* Used **Maven** and **Jenkins** to automate the build and deploy process.
* Focused on test driven development, thereby creating detailed **Junit** test for every single functionality before writing the functionality.
* Developed SQL Queries for performing CRUD operations in Oracle for the application.
* Used **LOG4J**, JUnit for debugging, testing and maintaining the system state.
* Wrote **JUNIT** Test cases for Spring Controllers and Web Service Clients in Service Layer using Mockito.
* Designed and developed the application using AGILE-SCRUM methodology.

**Environment:J2EE, Backbone JS, Handlebar JS, Spring framework, Hibernate, JSON, AJAX, REST, SOAP, XML, Apache CXF AngularJS, JQuery, JavaScript, Oracle 10g, IBM RAD, WebSphere, Apache Maven, JUnit, HTML, SVN.**

## Client: BillionApps, Hyderabad, Telangana March 2015 – December 2017

## Role: Java/J2EE Developer

**Responsibilities:**

* Involved in the architecture team for **design and implementation** of systems.
* Developed a Monolithic application and generated UI screens using **JSP, HTML, CSS and JavaScript**.
* Worked on **JSP, Servlets, Struts framework** and production support issues of the existing applications.
* Implemented **Struts Dispatch Action** class and formed bean classes using **struts** framework.
* Client-server validations were handled using **StrutsValidator Framework validate** plug-in.
* Implemented **Multithreading** for handling multiple requests and for high performance.
* Developed model components using session beans and used local message driven beans (MDB) to interact with sessions using **EJB**.
* Responsible in creating **Servlets**, which route submittals to appropriate Enterprise Java Bean (**EJB**) components and render, retrieved information and **EJB** Session Beans were used to process request from user interface using OSS.
* **Java message queue** (JMS) is used for exchanging information and messaging services.
* Designed and developed **Message Driven Beans** (MDB) that consumed the messages from the **JMS**.
* Build and maintain **SQL** scripts, indexes, and complex queries for data analysis and extraction.
* Develop a business continuity plan for the **SQL Server Databases** using **JDBC** drivers.
* Created many **stored procedures** and scheduled jobs to support our applications to create reports for customers.
* Development of **Entity classes** and establishment of relationships between them using Annotations.
* Experience in installing, configuring, and deploying applications on **Web Logic Server**.
* Developed **DAO** pattern to retrieve the data from the database.
* Developed **SOAP web services** (JAX-WS) for sending and getting data from different applications **WSDL** generation and exposed the service at server-side over the Internet and tested the services using **JUnit**.
* Deployed application on **Client Linux server**.
* Used **ANT** build tool for compiling and generating war files.
* Implemented **OAuth 2.0** for providing **authentication and authorization** for web services**.**
* Developed and modified **database** objects as per the requirements.
* Involved in **Unit integration, bug fixing**, acceptance testing with test cases, Code reviews.
* Implemented **Multi-threading** concepts.
* Developed the application using **Core Java, J2EE and JSP**.
* Different Types of testing viz **Unit, System, Integration testing** etc. is carried out during the testing phase.

**Environment**: **Java/ J2EE, JEE7 JSP, CSS, JavaScript, AJAX, Hibernate, Spring MVC, XML, EJB, Web Services, SOAP, Eclipse, Rational Rose, HTML, XPATH, XSLT, DOM and JDBC.**