**Rakesh Thalluri**

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**Professional Summary:**

* Around 7 years of experience of full stack development in all phases of Software Development Life Cycles like **AGILE/Scrum** and Waterfall methodologies. Participated in Analysis, Design, Development, Implementation, Testing and Deployment of various web based, enterprise business applications using **JAVA/J2EE** technologies.
* **Spring boot** with **Hibernate** combination where it has a predefined MVC architecture which made me to run all batch jobs easily and quickly. Extensive experience with **Core Java** concepts like **Multithreading, Exception Handling and Collections.**
* Implemented exception handling in **Java Spring boot** for **REST API** by making use of **Exception Handler** and Controller Advice **annotations**.
* Expertise in working with **JAVA8** features like **Functional Interfaces, Stream API, Time API, Transaction Management, Exception Handling, Collection API, Lambda Expressions**.
* Developed and deployed **Micro Services** based applications using **Spring Boot** along with **Spring Rest** and **Node Js**with **Express** and **Hapi**.**js.**
* Experienced in configuring and deploying applications on different servers such as **Apache Tomcat, Web logic, IBM WebSphere, JBoss**.
* Well experienced on implementing **SOA** (**Service Oriented Architecture**) using **Spring REST** to create **REST** resources that include several components like **Jersey Framework, spring Boot, JAX-RS** and used **WADL** for documenting **REST API’S**.
* Have good knowledge on different **databases** like **PostgreSQL, MySQL, DB2, Oracle 13c/11g, Microsoft SQL Server, NoSQL DB (Raven DB, Mongo DB and Cassandra, Couch DB, Redis,Dynamo DB)** and good experience in writing **stored procedures, functions** and **triggers** using **PL/SQL** in **JDBC, ODBC** and in **WebLogic server.**
* Expertise in implementing the features of **ES6** like **arrows, modules, block scoping, promises and enhanced object literals.**
* Good experience in using Software development methodologies like **Agile (Scrum), Water Fall** and **Rational Application Development** methodologies.
* Experience in using **Mule soft** which is light weight **Java** based **Enterprise Service Bus (ESB)** which allows connecting applications together quickly and easily, enabling them to exchange data.
* Experience in writing **stored procedures, triggers, views and functions** using **PL/SQL** scripts and embedded **DDL** and **DML** statements in **PL/SQL** blocks.
* Experience in Developing User Interface (UI) Rich Web Applications using Front End/User Interface (UI) Technologies like **HTML4/5, XHTML, DHTML, CSS2/3(using SASS and LESS), Type Script, Bootstrap** and **AJAX** by managing all facets and pipelines of application.
* Exploring with the **Spark** for improving the performance and optimization of the existing **algorithms** in **Hadoop** using **Spark** Context, **Spark-SQL, Data Frame, Pair RDD's, Spark YARN.**
* Extensive knowledge on the **Spring Modules** like **Spring IOC** and **Dependency Injection, Spring MVC, Spring Batch, Spring Web Flow, Spring Security** (Authentication and Authorization), **Spring AOP** for **Code Modularity** and **Spring Boot.**
* Implemented security functionality **OAuth 2.0, Spring security, SSL, and site minder (SSO)**, secure authentication with **LDAP OAuth2** for generating tokens in the application using **Spring Security, JWT** for producing **tokens.**
* Experience in applying **JMS (Java Messaging Service)** for reliable information exchange across **Java** applications using **Apache Kafka, RabbitMQ, ActiveMQ** and **IBM MQ** to communicate from **Client** to **Server.**
* Experience in developing **Map** Reduce Programs using **Apache Hadoop** for analyzing the **big data** as per the requirement.
* Expertise in using **shadow DOM** which is a feature of **Angular 5** to encapsulate visual behavior.
* Good knowledge in providing support for passing messages between publishers and subscribers using **observables** as a part of **Angular 5**.
* Experience with features of **Angular 4** like **NgModules** which configure the injector and the compiler and help organize related things together.
* Proficient with **Angular JS, Backbone JS, Ember JS, Knockout JS, Ext JS** for customize front end app development and to achieve **MVC** design flow.
* Well experienced in view rendering using **jQuery, React JS, Handlebar JS** and implementing **React JS** with **Redux** and **Flux** patterns to attain **MVC** functionality.
* Well experienced in developing **Dynamic Single Page Application (SPA)** using **MEAN (MongoDB Express Angular Node)** full stack development tool Kit.
* Experience on UI testing with **Karma, Jasmine, Protractor** for **Angular JS** and **Mocha**, **Chai** for **React JS.**
* Expertise to interact with **relational databases** using **ORM** frameworks like **Hibernate, Spring Data, JPA, IBatis, MyBatis, Java Persistence API (JPA),Hibernate’s**second levelcache **- Ehcache**.
* Implemented **Docker container service**, build pipeline **Jenkins, Bamboo (Go Continuous Delivery)** to achieve **Continuous Integration** and **Continuous Deployment** that can run on the cloud or on-premises.
* Experience in developing Web Applications with various Open-Source frameworks: **JSF 1.2, Spring Framework 2.0/3.0/4.0, Web Flow, Jakarta Struts Framework 1.1/1.2/2.0, Struts Validation and Tiles Frameworks.**
* Worked on **SOAP** protocol using **JAX WS** and integrated **Apache CXF, AXIS-2 for WS-Remote Messaging, WS -Security, WS- Policy** and other specifications and automated documentation using **Swagger** and **WSDL**.
* **Dynamo DB, SQS** for message queueing, **RDS** for setting relational database in cloud and **Lambda** for server less program functions.
* Expertise in using **Microsoft Azure** which is cloud computing service for building, testing, deploying and managing applications and services through a global network of **Microsoft** managed data centers.
* Experience on various **Azure** services like Compute (Web Roles, Worker Roles), Azure Websites, **Caching**, **SQL Azure**, NoSQL, Storage, Network services, **Azure Active Directory**, API Management, Scheduling, Auto Scaling, and Power Shell Automation
* Experienced in migrate an On - premises Instances or **Azure Classic Instances** to **Azure ARM** Subscription with Azure Site Recovery.
* Unit tested web services using **Junit, JMeter, Mockito Easy mock, SpringJunitRunner**, **Spock, Test NG** and hence achieved the goals of **Test-Driven Development (TDD).**
* Good Knowledge and Experience on implementing **Spring Cloud- Netflix OSS** Stack for micro-Services deployment, **Zuul** for **API Gateway** for **routing**, **Hystix** (**Circuit Breaker**) for **latency** and fault tolerance and **Eureka** for service registration.
* Solutions Consultant responsible to be primary SME on Azure services including DRaas, SaaS, PaaS and IaaS while contributing architecture decisions and tasks for ongoing migration efforts.
* Good knowledge of **Splunk** architecture and various components. Expert in **Splunk Development, Configuration** and **Administration** and used **Kibana** to view using **Elastic search (ELK).**
* Well experienced in using various **AWS** (Amazon Web Services) **Iaas** (Infrastructure as a Service) Components like **EC2** for running applications on virtual machines, **S3** and **Glacier** for storing and long term back up of data, **EBS** for persistent block level storage, **Elastic Cache.**
* Skilled in monitoring servers using Nagios, Cloud watch and using **ELK** Stack Elasticsearch Fluent **Kibana**.
* Experience in installing dependencies using Package Managers like **NPM, BOWER** and running automated task using **Gulp, Grunt** and **webpack** for **bundling, minification, loading images, configuration.**
* Experienced in troubleshooting any build issue with **ELK** and work towards the solution.
* Design, build and manage the ELK (ElasticSearch, Logstash, Kibana) cluster for centralized logging and search functionalities for the App.
* 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.
* Hands on experience in implementation of **PCF** (Pivotal Cloud Foundry) **Paas** (Platform as a Service) services such as **Pivotal Application Service, Pivotal Container Service** and **Pivotal Functional Service** to continuously deliver applications on to the cloud.
* Knowledge on various **Docker** components like **Docker Engine, Hub, Machine,** Compose and **Docker Registry.**
* Hands on experience in managing this **Docker Container** using **Kubernetes** with zero downtime deployment.
* Knowledge of **Elastic Search,** used for supporting distributed search by allowing start with one machine and extend further to other machines.
* Experience in using open-source framework **Apache Camel** which for message-oriented middleware with a rule-based routing and mediation engine that provides a **Java object**-based implementation of the **Enterprise Integration Patterns (EIP)** using an application programming interface to configure **routing** and **mediation rules**.
* Loaded and transformed large sets of structured, semi structured, and unstructured data using **Hadoop**/**Big Data** concepts.
* Strong Knowledge on automated java-based integration testing and behavioral testing of the applications using **Selenium** and **Cucumber** respectively
* Used **Kubernetes Linux container** for deploying and scaling containerized applications.
* Good practical experience with **Java-based** logging utility i.e. **log4J** and **slf4j.**
* Good knowledge on **Drools Rule Engines** which corresponds to validating **BRMS** (Business Rules Management System).
* Well experienced with build tools like **Gradle, Maven** and **ANT.**
* Experience in **Java Thread** Dump Analysis and familiar with **thread** dump techniques.
* Have knowledge on Application monitoring tools like **New Relic** and **Dyna Trace.**

**Technical Skills:**

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| --- | --- |
| **Programming Languages** | Java, C, C++, PL/SQL, .Net |
| **Web Technologies** | HTML5, CSS3, JavaScript, AJAX, JSON, Bootstrap, jQuery, Angular2.0/4.0, React JS with Flux, Redux, Ember JS, Knockout JS, Back Bone JS, Handlebar JS, NodeJS, Express JS, Hapi JS |
| **J2EE Technologies & 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. |
| **Databases** | Oracle 8i/9i/10g/11i, DB2, SQL Server 2008, MYSQL, MongoDB, Cassandra |
| **Application/Web Servers** | Oracle Web logic, IBM Web Sphere, JBoss, Apache Tomcat |
| **Messaging Services** | JMS, Active MQ, Rabbit MQ, IBM MQ, Apache Kafka |
| **Web service frameworks** | JAX-RS, JAX-WS, Apache CXF, Axis, Jersey |
| **Software Methodologies** | Agile, Scrum, TDD, Waterfall |
| **Build & Configuration Tools** | Ant, Maven, Gradle, Jenkins, Bamboo Gulp, Grunt, Webpack, NPM, Bower |
| **Testing Tools** | Junit, Mockito, Jasmine, Karma, Mocha, Chai, Spock, Protractor |
| **Version Control Tools** | GIT, SVN, CVS, Bitbucket, TFS |
| **Project Management Tools** | JIRA, Rally, Microsoft Project |
| **Cloud Technologies & DevOps Tools** | AWS, PCF, EC2, EBS, S3, Docker, ECS, EBS, EKS, SQS**,** RDS, S3, Lambda, Kubernetes |
| **Operating System** | Windows, Linux, Unix, MAC, MS-DOS |
| **IDE’s** | Eclipse, Visual Studio, IntelliJ, Spring Tool Suite |

**Experience:**

**I. Client: JPMorgan Chase, Plano, TX May 2019 – Till Date**

**Role: Java Full Stack Developer**

**Description:** The JPMorgan Chase is a global banking and financial services holding company. I was involved in a financial software development for performing risk assessment. The application we are working will have to determine whether we can sanction the financial assistance to a customer or not by assessing the documentation provided by the customer.

**Responsibilities:**

* Created custom **directives** in **Angular 5** for **reusable components (directive for browser controls like: disable right click, browser close, and lock screen while transition, multifield form elements, background file uploads etc.).**
* Pioneered with **Java8** features like **Functional Interfaces, Stream API, Time API, Transaction Management, Exception Handling, Collection API and Lambda Expressions.**
* Worked with **Micro service** architecture using **Spring Boot** to modularized code and implemented Rest API’s using **Spring Rest** and integrated **Swagger API** for documentation.
* Capitalized complete **annotation** driven approach to develop application using **spring Boot** and was involved in setting up the spring bean profiling also created build and deployment scripts using **Maven.**
* Developed several services in **Angular 5** and shared them among different **components** using the dependency injection.
* Implement the web application using Stack **MEAN** technologies (**MongoDB, Express, Angular 5, Node.js) along with HTML5, CSS3, JavaScript, jQuery, Bootstrap and other web technologies**.
* Migrated the code from **AngularJS to Angular 5** to make the compilation faster, build optimization, to make the application support for multiple export alias.
* Building cloud **Micro services** and implemented back-end using **Spring Boot**.
* Implemented a Robust **Restful (JAX-RS) Jersey** web Services using Spring Boot to modularize code and automated documentation to the web services in the application is provided by **Swagger 2.0**.
* Engineered with **Spring Batch** for **Batch processing** Bulk Metadata from Database to Excel sheets by implementing Reading, processing, and writing functions within job and steps, also utilized.
* Involved in developing web application using Spring MVC integrated with **Thyme leaf**.
* Made enhancements to existing CSS and DIV tags, made upgrades using **Twitter Bootstrap model**.
* Worked with **HTTP/HTTPS** protocols by using **Angular 5** components to build **microservices** in Node JS.
* Used **JavaScript and jQuery** for validating the input given to the user interface.
* Used **Mocha** (a JavaScript test framework) to write the tests at **server side** and used **Jasmine** on the client side.
* Developed **REST services** using **Node-JS, Express-JS, Body-Parser, Mongoose, Underscore-JS and other node modules** to serve the web application with **JSON data.**
* Used **Postman** to test the API workflow tested on the **JSON files** which are generated by the **NodeJS, ExpressJS.**
* Used **Log4js** for automated logging of error messages.
* Used **Mongoose API** in order to access the **Mongo DB** from **Node JS** and used **Angular CLI and NPM** for scaffolding the **Angular 5** Application.
* Used **Express middleware** to provide response to **HTTP requests** and to send **status codes** to the browser.
* Experience with Test Driven Development using **JUnit** and **Mockito** framework.
* Extensively used **promises** (Success and Error) while making sync communication. Wrote services with **Angular 5** to store and retrieve user data from the **Mongo DB** for the application on devices with the **Http service**.
* User authentication is done through **JSON Web Tokens (JWT).**
* Developed **Mean Stack application** from scratch including **Mongo DB** server setup and **Express-JS server** development.
* Used Mongoose **ORM** to map JavaScript objects to **MongoDB.**
* Created a new cluster and container management tool using **Kubernetes for Zero downtime Deployment.**
* Created instances for **AWS EC2** and created **AWS s3** buckets to monitor the access to the hosted files.
* Used **Continuous delivery / Continuous Integration (CD/CI)** tools **Docker, Jenkins** to deploy this application to AWS.
* Migrate Data from Elasticsearch-1.4.3 Cluster to Elasticsearch-5.6.4 using **logstash, Kafka** for all environments.
* Experience in **Docker** Engine and **Docker** Machine environment, to deploy the micro services-oriented environments for scalable application.
* Used **GIT for Version Control** of code for incremental development and day-to-day basis to maintain the code history.
* Used **Firebug, Firebug Lite, and IE Developer Toolbar**, for debugging and browser compatibility Enhanced website by creating presenting new static models’ pages and presenting it to senior management for attracting the customers and existing users.
* Tested **Angular 5** with **Jasmine and karma** testing frameworks.
* Used **Netflix OSS** to allow application to change its properties **Dynamically** after the deployment.
* Implemented **Kibana** for centralized **logging and monitoring** that builds on Elastic search upon **MongoDB** for analytics and visualization of the user’s login.
* Implemented cloud-based integrations with elastic and visualize using **Kibana.**
* Sync Elasticsearch Data between the data centers using **Kafka** and **logstash**. managing Kafka Cluster and integrated Kafka with elastic.
* Involved in requirements gathering and analysis from the existing system. Captured requirements using Use Cases and Sequence Diagrams.
* Worked as a part of Agile Software Development Methodology including Scrum technology.
* Developed the functionalities under **Agile Methodology, JIRA processes** and used **JIRA** for **task assignment**, bug tracking and fixture.

**Environment: Angular5, Angular4, NodeJS, HTTP/HTTPS, Firebug, Jasmine, Mocha, AWS EC2, AWS S3, postman, Log4js, Kubernetes, Kibana (ELK), HTML5, CSS, JavaScript, JQuery, Bootstrap, ExpressJS, NPM, Spring Boot, Spring Rest, Maven, JWT, JIRA, GIT, GitHub Spring Batch, swagger API, Scala, Agile Methodology, Mongoose ORM, MongoDB, Docker.**

**II. Client: CITI Bank, Irving, TX Mar 2018 to Apr 2019**

**Role: Java Full Stack Developer**

**Description:** Developed a web application that enables clients to access, review and update online. The website functionality was extended by providing the customers to login and perform online transactions like paying bills online and updating their policy. Used to manage the credit and debit card transactions data for enhancement.

**Responsibilities:**

* Implemented **Store-Redux** for holding the whole state tree of application and **Reducer-Redux** for describing actions.
* Developed a **Micro Service Oriented** applicationwith **React JS** in the front end and **Spring Boot services.**
* Developed dashboard based on **Ajax calls** with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using **Node JS**.
* Involved in development, design and implementation front end part of the widget-based application using **HTML5, CSS3-LESS, AJAX, Bootstrap 4.0**.
* Used **AJAX** request to data from back-end based on user interface input and post updated data back to backend.
* Developed client slide components utilizing **Java Swing** framework.
* **Junit** is implemented along with **Mockito** 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.
* Deployed the **Dockized** Spring Boot application that is intended to be run on dev local machine using **PCF** (Pivotal Cloud Foundry).
* **Mocha** test runner and **Chai** test framework are used to test **React JS** components.
* For client-side view rendering services,used **React JS** typically used various predefined **Redux** libraries.
* Configured **React-Redux** for state management and **React-Router** for programmatic navigation.
* **Web pack module bundler** and **Babel java script compiler** are used accompanying **React JS.**
* Used **Express JS** which is fast, assertive, essential and moderate web framework of Node.js that helps manage a sever and routes.
* Implemented **Spring Boot** to create a **CRUD** operations backend for our **React**-fronted application.
* Bottle micro-framework implemented with **RESTful service** and used **WADL** (Web Application Description Language) for modelling the resources provided by the services and relationships between them.
* Implemented modules into **Node JS** to coordinate with plans and necessities.
* Implemented **JSON** web tokens for authentication and authorization security configurations using **Node.js.**
* Integrated **Node.js with Express.js** and communicated with databasefor CRUD operations on the data repository.
* Extensive experience in designing **MongoDB** multi-shared cluster and monitoring with MMS.
* Developed the web application based on the **Node.JS** micro services architecture using **Express** and **MongoDB.**
* Created dynamic schema design through **NOSQL** **Mongo DB** by writing rich queriesand achieved data in a collection to be distributed across multiple systems for**horizontal scalability**as data volumes increase through **Automatic Shading**.
* Developing internal Web Application in **Groovy/Grails** with **Mongo DB** as a data store. Using the IntelliJ Idea 15.0.4 IDE with the latest Grails 3.1.1 SDK, Java 8.
* Used **Node.js** for deploying POC and used for **Bower** and other development automation tasks.
* Published message services using **Spring AMQP’s** **Rabbit Template** and subscribes to the messages on a POJO using **Message Listener Adapter**.
* Used **Apache Kafka** (Message Queues) for reliable and asynchronous exchange of vital information between multiple business applications.
* Developed **Kafka** consumers to consume data from **Kafka** topics and integrated **Kafka** source to read the payment confirmation messages.
* Responsible for Configuring **Kafka** Consumer and Producer metrics to visualize the **Kafka** System performance and monitoring.
* **Splunk** is implemented in the application for log errors, exceptions, business logic and log analytics.
* Engineered **Splunk** to build, configure and maintain heterogeneous environments and in-depth knowledge of log analysis generated by various systems including security products and worked on setup of various dashboards, reports and alerts in **Splunk**.
* **Gradle** build tool is used to deploy the application on the web servers i.e., **JBoss**.
* Integration of automation batch run job with **Jenkins**. Worked with Jenkins Continuous Integration and Continuous Deployment (**CI/CD**).
* Behavioral and Integration testing is done using **Cucumber** and **Selenium,** respectively.
* Implemented **Spring Cloud**-**Netflix** **OSS** **Stack** along with using **Ribbon** for client-side load balancing, **Netflix** **Zuul Api Gateway** with **Eureka service registry** for reverse proxy infrastructure and **Hystrix Circuit Breaker** for fault tolerance.

**Environment: Jenkins, , Eclipse Java EE IDE Selenium, React JS-Redux, HTML5, CSS3-LESS, AJAX, Bootstrap, jQuery, Spring Security, Rabbit MQ, Spring Data, Spring Cloud-Netflix, Splunk, Mongo DB, MySQL, Docker, Hystrix, JUnit, Mockito, Mocha, Chai, JavaScript, , Netflix OSS Spring Batch, Quartz Scheduler, Hibernate Apache tomcat, Jenkins, Netflix Zuul Api, Ribbon, Eureka, , Spring Boot, Microservices, Restful services, Cucumber, Cassandra DB, Cassandra Node Connector, Gradle, JBoss, JIRA, JWT, WADL, Web pack, Babel.**

**III. Client:** **Enlighten, KY** **July 2016 – Feb 2018**

**Role**: **Java Developer**

**Description:** Enlighten provides an enterprise managed services as part of its product service, the team built an inhouse reporting product which provides managed services suite of sales/presales and delivery organization challenges and identify/capture opportunities in the enterprise domains by providing industry expertise/experience.

**Responsibilities:**

* Written several **Axios service calls like get() and post()** to make **REST service** calls.
* Implementation domain base classes providing basic properties using **Spring Data**.
* Worked with **JAVA8** features like **Functional Interfaces, Stream API for Bulk Data Operations, Time API, Transaction Management, Concurrency API, Collection API**, **Calendar API**.
* Building cloud **Microservices** and implemented back-end using **Spring Boot.**
* Developed user interface by using the **ReactJs, Redux for SPA** development and implemented client-side Interface using **ReactJs.**
* Involved in the creation of UI specification documents by interacting with business users and design documentation and data modelling for the entire project.
* Expertise in using **React.js/Redux** to build User Interface, strong knowledge of **state store, middleware, action creator, reducer, and container.**
* Worked with **HTML5, CSS3, JavaScript, XML, JSON, AJAX, and Bootstrap**.
* Implemented **Spring Circuit breaker** pattern, integrated **Hystrix** dashboard to monitor Spring micro services.
* Implemented Virtual Dom for Client-Side view rendering services using **REACT JS.**
* Redux/**NGRX** and understanding of the Redux pattern.
* Authenticating Users and to provide the security to **RESTFul** web services using **OAUTH** **2.0.**
* Wrote Client-Side code using **React JS** and used **NPM,** directories to generate the server environments used **browser**, **flux** to manage with targeted URL's (Uni-Directional data flows) and to monitor the application.
* Created reusable templates using Angular directives and worked with NPM package manager tools (**Node JS). REACT JS** Virtual **DOM** used for client-side view rendering services, **React-Redux** for state management **and React-Router** for programmatic navigation.
* Implemented **NoSQL** database like **Cassandra** to (store key values), for data analytics which is used as a Database for this project.
* Involved in writing **Promises** and **call back** function in **Node Js** to build **microservices** using **Hapi.JS**.
* Developed reusable application logic by avoiding building infrastructure by **Hapi.JS**.
* Implemented Relational Database like **Oracle and PL/SQL** store procedures.
* Performed Code building using **Gradle.**
* Deployed and Monitored Micro Services Using **Spring Cloud Foundry** Managed Domains and Routes with the Spring Cloud Service Registry.
* Implemented **Spring Cloud**- **Netflix ZUUL** to building microservices to communicate with each other.
* Implemented **Netflix OSS(Open-Source Software)** for **Feasible changes** after the deployment.
* Implemented platform modules through **spring Java micro** and **Node.js services** by employing **Hapi.js**, as well as **front-end React JS.**
* Worked on**Docker hub**, creating **Docker images** and handling multiple images primarily for middleware installations and domain configurations.
* Implemented a metrics collection mechanism for the server by utilizing **Apache Kafka** to stream server-side events.
* Used **Splunk** to create charts for the **log data** and **analyze log data** to know customer expectations.
* Worked with **Web pack** for bundling application source code in convenient chunks and for loading that code from a server into a browser.
* Used **Mongoose Connector** to connect **Node Js** Application to **MongoDB**.
* Worked with **OpenShift** for **Platform as a service with** configuration management.
* Implemented unit test cases using **Karma** and **Jasmine** on client side.

**Environment: Hystrix, Netflix ZUUL, Micro services architecture, Docker, Cassandra DB, OAUTH, Apache Kafka, Splunk, OpenShift, AWS, Swagger, Node-JS, Angular4, Type script, Web pack, ECMA6, Karma and jasmine, Spring 4.x, Spring Boot, Spring cloud like Ribbon.**

**IV. Client:** **Adsphere Technologies, (India) Jan 2015 - May 2016**

**Role: Java Developer**

**Description:** Adsphere is a technology-enabled global business services company specializing in customer engagement and improving business performance. Involved in building a Java application for a recruitment startup. This application was be used by workers and hiring companies. As part of the marketing strategy, we used referral codes to reward our customers for referring.

**Responsibilities:**

* Established **JDBC** Connectivity to perform **CRUD** operations from to and from **Oracle** Database.
* Exposure to using **Software Development Life Cycle (XP).**
* Implemented **Design Patterns** such as Singleton, Factory, MVC.
* Involved in implementation of business logic using **Spring MVC**.
* Created many **Stored procedures** and scheduled jobs to support our applications for to create reports

for customers.

* Used **JMS API** for asynchronous communication by putting the messages in the Message queue, such as

**PDF**, **Excel** report generation.

* Developed **Object-Relational (O/R) mapping** using **Hibernate** andInvolved in second level cache using **EHCache** in Hibernate at table level.
* Integrated Database interaction using **Hibernate,** identified ideal queries for caching and **HQL** queries for data related operation.
* Involved in Unit testing, using **JUnit framework** andused **Log4J** for Logging Errors, debugging, and tracking.
* Involved in creating Graphical reports using **Recharts** for business analysis.
* Involved in developing stored procedures using **Oracle PL/SQL.**
* Used **ANT** built tool for compiling and generating war file.
* Used **SVN** to manage and control version of build & Release.

**Environment: HQL, Struts 1.x, JSP, Spring MVC 3.x, , REST API, HTML4, Java 1.7, Hibernate 4.0, JSTL CSS, Java Script, Bootstrap, JFreeChart, JBoss, Log4j, SVN jQuery, JSON, Oracle PL/SQL, , JUnit, Maven, Agile**

**V. Client: Nam Technologies, India Jul 2013 - Dec 2014**

**Role: Java Developer**

**Description:** Nam Technologies provides a range of IT services including infrastructure support, software development, integration & support, web development & web hosting, quality assurance & testing, cyber security, certification & accreditation (C&A) services, as well as program & project management services. Built an inhouse reporting product which provides managed services suite of sales/presales and delivery organization challenges and identify the opportunities in the enterprise domains by providing industry expertise.

**Responsibilities:**

* Worked with **Core Java** Concepts like Multi-threading, Collections and Exceptional Handling.
* Involved in Requirement gathering, Conceptual Design, Analysis, Detailed Design, Development and Testing of the application.
* Developed an application using J2EE technologies like **Struts2, Hibernate, Java, JSP, Servlets.**
* Developed Business objects using **POJOs** and data access layer using **JDBC.**
* Designed interactive web pages using **HTML, CSS, JavaScript, Bootstrap.**
* Designed UML Use case diagrams, Class diagrams and Sequence diagrams using Visual basic.
* Established connection with **JDBC** to persist data to MySQL database.
* Created **Hibernate** mapping files, sessions, transactions, Query & Criteria’s to fetch the data from **MYSQL** Database.
* Developed the **action classes, Action form** classes, created JSP using Struts tag libraries and configured

in Struts-config.xml, Web.xml files.

* Wrote **SQL** and **HQL** Queries for data related operation.
* Involved in creating **JUnit** test cases.
* Implemented client-side validations using **AJAX** and **Java Script.**
* Responsibilities include the creation of test documentation and debugging and investigating issues.
* Performed unit testing using **JUNIT framework** and used **Struts** Test Cases for testing Action Classes.
* Used **ANT** as the build tool for the application. Used **Rational ClearCase** and **ClearQuest** for version

control and change management.

* Involved in build & deployment cycles using **Maven.**

**Environment: JavaScript, jQuery, XML, Ajax, Java, JSP, Servlet, JDBC, MYSQL, SQL, HTML, CSS, Java Collection API, Maven, Apache Tomcat, JBoss, JUnit**