**Mrudula**

**Sr. Java/J2EE Developer**

**Phone: (314) 384-6896‬ Email: mrk13488@gmail.com**

**Professional Summary:**

* Almost 9 years of IT experience in analysis, design, development, testing and deployment of web-based and Enterprise based Client-Server business application using Java/J2EE technologies.
* Proficient in design and rapid development of web and J2EE applications using Core java, JSP, JSF, CSS, Servlets, EJB, JavaScript, Spring, JDBC, JNDI, JMS, SWING, HTML/DHTML, XML and Struts framework.
* Designing and development of web applications using JSP, JavaScript, HTML5, CSS3, JQUERY, AJAX, JSON, DOJO, XML, XSL, XSLT, Angular.JS, bootstrap. Used Groovy and Grails with Spring, Java, J2EE for user interface.
* Experienced in creating comprehensive web applications using MEAN stack and Single Page Applications implemented with Angular JS 2/4, React JS, Backbone JS and Node.js.
* Experienced in application of MVC and MVVM client-side JavaScript frameworks such as Backbone JS, Ember JS and Handlebar JS to create Controllers to handle events triggered by clients and send request to server.
* Solid experience in developing the rendering view React JS components, forms, events, routers, and Redux asynchronous functions and implemented React - Flux pattern for core dependency.
* Good knowledge with web-based UI development using jQuery UI, jQuery, ExtJS, CSS3, HTML, HTML5, XHTML and JavaScript. Experience in accessing No-SQL databases like Mongo DB, Cassandra DB, and Elastic Search.
* Expertise in Creating Hibernate configuration file, Hibernate Mapping files and defined persistence classes to persist the data into Oracle Database. Experience with version control tools like CVS, Sub Version (SVN).
* Strong experience in unit testing tools of JavaScript framework like Karma, Jasmine and Protractor for Angular, Mocha and Chai for React JS. Expertise in using IDEs like Eclipse, IntelliJ IDEA, Net Beans.
* Experienced in developing UML diagrams like use cases, class diagrams and sequence diagrams using Rational Rose and MS Visio tool. Worked in Spring Security Framework for User Access Management.
* Worked with the NoSQL Database like MongoDB to manage extremely large data sets. Developing of web applications using GWT, GXT, AngularJS, Vaadin.
* Proficient in using Amazon Web Services (EC2, VPC, RDS, ELB, Route53, Lambda, IAM, Cloud Watch, S3, Glacier, SQS, SNS). Having knowledge on (JMS) MQ like Kafka, Rabbit MQ, IBM MQ and Active MQ.
* Expertise in developing test cases for Unit Testing (JUNIT), Integration Testing and System Testing.
* Experience in working on XML related technologies like XML, XSLT, XPATH, XSL, DTD, DOM.
* Proficient in developing Web Services, related technologies & frame works: WSDL, SOAP, RESTful, JAX-WS, JAXB, Jersey, JAX-RPC, and SOAP UI and generating client’s client using Eclipse for Web Services consumption.
* Experience in configuring and deploying Web-based/Enterprise Applications using WebLogic, JBOSS, and WebSphere and Tomcat servers. Experience in Agile Methodology, Waterfall Methodology and Scrum Software.
* Used Continuous delivery / Continuous Integration (CD/CI) tools Docker, Jenkins to deploy this application to AWS and used GIT for Version Control of code for incremental development.
* Experience with database tools like Toad for Oracle, DB2, SQL Server. Good Knowledge on Service Oriented, Microservices architectures and ESB. Worked on business rules engine like Drools.
* Experience using Docker for installing, testing, upgrading, removing, and running software applications.
* Experience in Cloud based deployments and Container based deployments using Docker, Open stack, and AWS
* (EC2, S3, and RDS). Experience in using tools like ANT, Gradle, MAVEN, XML, SOAPUI, Git & JIRA.
* Extensive experience working with RDBMS such as MySQL, MS SQL Server, Teradata, DB2, Oracle and in writing
* database objects like Stored Procedures, Functions, Triggers, PL/SQL packages.
* Experience on UNIX, LINUX commands, Deployment of Applications, and ability to work effectively on Windows platforms. Used Log4J for extensible logging, debugging and error tracing also Worked on JUnit for unit testing.

**Technical Skills:**

**Programming Languages:** JAVA, J2EE, SQL, PL/SQL, C, C++

**J2EE Technologies:** EJB, Servlets, JSP, JSTL, JDBC, JSF, RMI, JNDI, JMS

**Web Technologies:** HTML, DHTML, AngularJS, jQuery, XML, XSLT, CSS, JSON, JSON-DTD, AJAX, Bootstrap, NodeJS, ReactJS,

IDE IBM RAD, RSA, Eclipse, MyEclipse, NetBeans, JBuilder, IntelliJ Application/Web Server IBM WebSphere, Oracle

WebLogic, JBOSS, Apache Tomcat and Glassfish

**Databases:** Oracle 8.x/9.x/10g/11g/12c, Toad, MS Access, MySQL, MS SQL Server 2008/2012, MongoDB, Cassandra

**XML Technologies:** XML, XSLT, XPATH, SAX, DOM, JDOM, AXIS, JAXB

**Web Services:** SOAP, REST, JAX-WS, JAX-RPC, JAX-RS

**Methodologies:** RUP (Rational Unified Process), Agile, Waterfall, SCRUM, Rapid Application Development.

**Operating Systems:** Windows, Linux, UNIX

**Application Frameworks:** Struts 1.x/2.x, Spring (Dependency Injection, Spring MVC, Factory Pattern, Core, Spring

Context, Spring DAO, Spring IOC, Spring JDBC, Spring Security, Spring Boot, Spring Batch, Spring with Hibernate) ORM

Frameworks JPA, Hibernate, Spring JPA, DAO OO Modeling Rational Rose, MS Visio Version Control Clear Case, SVN

(Apache Subversion), CVS, Git

**Other Tools:** NT, Maven, Log4j, Jenkins, Junit, JIRA, Selenium Cloud Computing AWS (Amazon Web Services), EC2, RDS,

DynamoDB, S3 Micro services Swagger, Pivotal Cloud Foundry, Spring Micro Services, Spring boot, Netflix Eureka

**Build Tools:** ANT, Maven, Gradle, Jenkins

**Version Control tools:** SVN, CVS, JIRA, Clear Case, GIT, Bitbucket, GitHub

**Professional Experience:**

**American Express, Phoenix, AZ July 2021 to Present**

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

**Project Description:**

**Responsibilities:**

* Involved in various phases of SDLC of the application like Requirement gathering, Design, Analysis and Code development by following TDD and agile methodology.
* Analyze requirements by interacting with functional analysts and technical architects to create the design and development plan
* Develop the controller logic layer using spring container and rest controllers.
* Adding different cross-cutting functionalities using spring AOP and spring boot actuator.
* Deploying the applications in Tomcat, JBoss and cloud servers using PCF.
* Design reliable, stable and effective databases for the applications using relational and non relational databases like Oracle, PostgreSQL, Mongo DB etc.
* Create class diagrams, sequence diagrams using RAD,StarUML,Visio for better understanding of project.
* Created AngularJS Controller to control the flow of data which isolate scopes to perform operations.
* Creating a range loop directive, modules, Expressions, scope, Templates and components in AngularJS, ReactJS, NodeJS and developed server-side single page applications on AngularJS platform using JavaScript programming. Followed strict patterns of implementing MVC architecture using Angular Framework.
* Used Multi-threading to overcome the errors in transactions and to handle all the threads by the main thread process. Worked with ELK stack for searching log, routing log data and for visualizing the logged data.
* Developed Application using Spring Features like Spring MVC, Spring DAO, Spring Boot, Spring Batch, and Spring Security for application access and authorization, Spring Integration and Spring AOP.
* Used Spring Ribbon API to check servers are up and running in live environment to detect those servers that are down. Developed RESTful service interface using Spring MVC to Agent Services API.
* Developed UI pages with HTML5, CSS3, JavaScript, jQuery, and used Bootstrap for creating Web pages.
* Implemented RESTful web services for communication between client and servers to run application on variety platforms and frameworks.
* Worked on Git as version control management and JIRA as Defect management for bug, issue tracking of application. Used JENKINS for continuous integration (CI) and continuous deployment (CD) pipeline.
* Used Spring Annotations for mapping to simplify business logic for creating Spring MVC RESTful webservices.
* Modified already existing stored procedures, triggers, views, indexes depending on the requirement.
* Designed spring boot mechanism without configuration XML's and replaced it with Java classes and used spring boot Actuator to externalize application's configuration properties for different environments.
* Used Spring Batch as spring batch jobs can meet the requirements of reliability, flexibility, robustness, and traceability, which are essential for automatic processing of large amount of data in the application.
* Designing and implementing scalable, RESTful, and micro-services-based services for mobile back-end. The back end is being written in Java using Spring Boot for simplicity and scalability.
* Spring MVC Framework IOC design pattern is used to have relationships between application components.
* Deployed Micro-services as Restful Web Services on Amazon Elastic Beanstalk, TIBCO EMS.
* Used Micro service architecture, with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers. Produced and consumed centralized Spring Restful Web Services for Enterprise and web applications to consume in JSON format and in trusted client-server environment.
* Responsible for Unit,Integration,Functional and UI automation testing of the application.
* Work on enhancements, customization to the existing application, batch jobs and REST/SOAP APIs.
* Use client accepted tools like Eclipse,IntelliJ ,Postman, JMeter etc for carrying out day to day to responsibilities.

**Environment:** HTML, CSS, Bootstrap, AngularJS 2.0, React JS, Ajax, Rest web services, Micro Services, Spring MVC, Java 1.7/1.8, Scala, Spring Boot, Spring Actuator, Multithreading, Spring 4.x, Hibernate 4.x, Spring Batch, Oracle 11g, Apache Kafka, AWS, Docker, ELK, Spring Security, JUnit, Karma, jasmine, Jenkins, Apache Maven, JIRA, Git.

**United Parcel Service of America Inc, Seattle, WA October 2020 to June 2021**

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

**Project Description:** The application is a web-based application designed and developed to support the Ship CSX Equipment Diversion System initiative by providing a means to receive, review, process and track diversion requests that will be submitted through Ship CSX. Also, other major goals of this project include workflow notifications and work queuing to eliminate the need to print and maintain printed copies of diversion file documentation.

**Responsibilities:**

* Created AngularJS Controller to control the flow of data which isolate scopes to perform operations.
* Creating a range loop directive, modules, Expressions, scope, Templates and components in AngularJS, ReactJS, NodeJS and developed server-side single page applications on AngularJS platform using JavaScript programming. Followed strict patterns of implementing MVC architecture using Angular Framework.
* Developed a dashboard based on Ajax calls with Business Customers Count, Real-time graphs for Analytical Reporting and client-side Interface using NodeJS which are used for creating reusable UI components.
* Used Multi-threading to overcome the errors in transactions and to handle all the threads by the main thread process. Worked with ELK stack for searching log, routing log data and for visualizing the logged data.
* Developed Application using Spring Features like Spring MVC, Spring DAO, Spring Boot, Spring Batch, and Spring Security for application access and authorization, Spring Integration and Spring AOP.
* Used Spring Ribbon API to check servers are up and running in live environment to detect those servers that are down. Developed RESTful service interface using Spring MVC to Agent Services API.
* Implemented RESTful web services for communication between client and servers to run application on variety platforms and frameworks.
* Modified already existing stored procedures, triggers, views, indexes depending on the requirement.
* Designed spring boot mechanism without configuration XML's and replaced it with Java classes and used spring boot Actuator to externalize application's configuration properties for different environments.
* Used Spring Batch as spring batch jobs can meet the requirements of reliability, flexibility, robustness, and traceability, which are essential for automatic processing of large amount of data in the application.
* Designing and implementing scalable, RESTful, and micro-services-based services for mobile back-end. The back end is being written in Java using Spring Boot for simplicity and scalability.
* Spring MVC Framework IOC design pattern is used to have relationships between application components.
* Deployed Micro-services as Restful Web Services on Amazon Elastic Beanstalk, TIBCO EMS.
* Used Micro service architecture, with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers. Produced and consumed centralized Spring Restful Web Services for Enterprise and web applications to consume in JSON format and in trusted client-server environment.
* Used Hibernate environment for configurations, mappings, annotation extensions for easy mappings, relationships between tables and entity classes to access and update information in the database.
* Defined Hibernate Named Queries for Batch related operations while defined Criteria Queries for Micro services. Followed strict patterns of RA team for unit test cases with jasmine.
* Used Hibernate concepts such as inheritance, lazy loading, dirty checking, locking, and transactions.
* Worked with Advanced Java 1.8 features like Lambda for adding functionality processing capability and Stream API to facilitate pipeline processing and method to eliminate elements based on the criteria.
* Worked on Oracle 11g database concepts such as locking, transactions, indexes, sharing, replication, schema design. Created Stored Procedures, User Defined functions, Views and implemented Error Handling.
* Migration of Existing Application to AWS cloud platform. Used AWS like EC2 servers, S3 storage, RDS instances, cloud watch and Cloud Front for promoting code in multiple environments.
* Worked on creation of custom Docker container images, tagging and pushing the images to the servers and used Docker coupled with load-balancing tool NGNIX to achieve continuous delivery.
* Design and implementation of accessibility features and collaborating with user requirements up to date.
* Used Spring Core for dependency injection and Hibernate Framework persistence API onto Oracle database.
* Designing, Development, JUnit testing and Integration of many components of the applications from end-to- end and Prepared Junit test cases and executed them using Junit and Continuum for integration testing.
* Developed unit test using Karma and Jasmine.
* Used JMeter for stress testing, Selenium WebDriver for testing automation code, followed strict patterns of RA team for unit test cases with jasmine. Used Drools Decision table using excel sheets with Spring MVC.
* Worked on Git as version control management and JIRA as Defect management for bug, issue tracking of application. Used JENKINS for continuous integration (CI) and continuous deployment (CD) pipeline.
* Implemented the application using design patterns such as Session Façade, Business Delegate, Adaptor, Bean Factory and Singleton and Deployed the application in Apache Tomcat Server.

**Environment:** HTML, CSS, Bootstrap, AngularJS 2.0, React JS, Ajax, Rest web services, Micro Services, Spring MVC, Java 1.7/1.8, Scala, Spring Boot, Spring Actuator, Multithreading, Spring 4.x, Hibernate 4.x, Spring Batch, Oracle 11g, Apache Kafka, AWS, Docker, ELK, Spring Security, JUnit, Karma, jasmine, Jenkins, Apache Maven, JIRA, Git.

**Freddie Mac Mortgage, Dallas, TX June 2018 to April 2020**

**Role: Sr. Java Front End Developer**

**Project Description:** The Federal Home Loan Mortgage Corporation (FHLMC), known as Freddie Mac, is a public government-sponsored enterprise (GSE), headquartered in the Tyson's Corner CDP in Fairfax County, Virginia.

The FHLMC was created in 1970 to expand the secondary market for mortgages in the US. Along with the Federal National Mortgage Association (Fannie Mae), Freddie Mac buys mortgages on the secondary market, pools them, and sells them as a mortgage-backed security to investors on the open market.

**Responsibilities:**

* Developed web pages using HTML5, CSS3, JavaScript, Angular.js, jQuery, AJAX and JSON.
* Built main application in Python, Django leveraging technologies such as Tasty pie, Backbone.js, and Celery
* Used Microsoft Visio for designing the Use Case Diagrams, Class model, Sequence diagrams, and Activity diagrams for SDLC process of the application. Responsible for React UI and architecture.
* Used Mongo DB as data storage and utilized aspects like replica sets, sharding and clever document design to make service extensible scale and feature wise.
* Implemented Persistence layer using Hibernate to interact with the Oracle database, Used Hibernate Framework for object relational mapping and persistence.
* Developed a multi-user web application using JSP, JSTL, Action Forms, Action Classes, JavaScript and JDBC to provide the needed functionality. Building components library, including Tree, Slide-View, and Table Grid.
* Software is built as a web app on Node.js with Backbone.js. CSS is compiled with LESS and HTML template engine is Jade. Mentoring of junior members for Agile (Scrum) process & Junit testing.
* Design and development of many PL/SQL batches using JAVA with connectivity to Oracle for data maintenance and handling. Developed JSPs, Struts Actions and Action Forms, Tiles layouts and DB2 SQLs.
* Used JPA with Entity Beans for interacting with Persistence Layer for CRUD operations. Was involved in UI development, and Developed presentation layer using JSP, HTML5, DHTML, CSS, AJAX, JavaScript, JSTL Taglibs.
* As a Senior Programmer involved in design phase and assisting the team to develop admin UI services like manage users, roles, messages, etc., using Spring MVC and Acegi security.
* Technology leadership for the direction of the Cloud based application using Node.JS, PDFJS, Sencha, MongoDB and MS SQL Server integrating to a proprietary framework.
* Developed Ruby on Rails 3 web applications using MongoDB and back-ground processes using Resque and Redis
* Developing a latest content Management System backed by subversion using java EE technologies.
* Built Web pages that are more user-interactive using Angular.JS, Jasmine, Karma, HTML5, CSS3, LESS, RESTFUL API Services, JavaScript, Bootstrap, GIT, and JSON.
* Written JUNIT test cases for testing UI Framework classes and wrote many Java Scripts to do client side validations. Experience with various MVC Java frameworks like Angular.JS, Node.JS, bootstrap.JS, etc.
* Built Web pages that are more user-interactive using Angular.JS, Jasmine, Karma, HTML5, CSS3, LESS, RESTFUL API Services, JavaScript, Bootstrap, GIT, and JSON.
* Mentored a team of 5 junior to mid-level developers in Java/J2EE Development using UML design documents.
* Developed Maven scripts for various tasks to automate the build process and for the deployment of the application in Web Sphere server. Used Web Services (SOAP) for transmission of large blocks of XML data between two interfaces. Developed application code using Eclipse-Galaxo IDE and configured with Maven and JBoss
* Extensively used IBM Websphere Portal APIs for authentication and personalization features.
* Development work is also done to the legacy system using WSAD IDE. The modified application is deployed on WebSphere using ANT and java scripts for use by interface project.

**Environment:** Java, J2EE, JavaScript, CSS3, AJAX, HTML5, Node.js, Angular.js, Bootstrap.js, Backbone.js, Spring, Hibernate, Struts, JSF, Sencha ExtJS, DB2, CRUD, PL/ SQL, JDBC, Coherence, MongoDB, Apache CXF, SOAP, Web Services, Eclipse, WAS, WID, WSAD, Git, GitHub, Junit, Scrum, UML, JSP, JSTL, Servlet, Maven, XML, iText, Oracle ECM (Enterprise Content Management), GWT (Google Web Toolkit), JIRA, Jasper Report, ILog, JRules, Web 2.0, SOA, JMS, Apache Tomcat, Linux, PHP

**Bryan Insurance Group, Maryville, TN January 2017 to May 2018**

**Role: Java/J2EE Developer**

**Project Description:** The insurance-based company provides insurance for car, homes Condo, business auto insurance

etc. The developed application provides web based online insurance services. Application also supports features for

customer care services and internal reporting and log maintenance. The application had been developed using Struts

framework along with hibernate and log4j.

**Responsibilities:**

* Involved in all the phases of SDLC including Requirements Collection, Design & Analysis of the Customer Specifications, Development, Deployment and Customization of the Application.
* Developed UI using HTML, CSS, and jQuery to display the data on the client side. Wrote SPA (Single page web applications) using NodeJS as server side, GULP, WEBPACK (ES6), Restful web services plus AJAX and Angular JS.
* Used backbones to optimize in-browser use, to load the module and to improve the Speed. Front-end development by utilizing JavaScript frameworks such as jQuery, Backbone Js, NodeJS and AngularJS.
* Developed a dashboard based on Ajax calls with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using NodeJS and Wrote code to fetch data from web services using jQuery AJAX for asynchronous communication via JSON response and updating the modified data to display in UI pages.
* Worked on webservices with REST Architecture to specify constraints through AngularJS services to get XML file data. Experience with building Docker Images and running them on Docker container.
* Worked on enterprise application communication and integration with Webservices and Legacy Systems using REST. Re-architect monolithic service into micro services-based architecture using spring boot and PCF.
* Used various Core Java concepts such as Multi-Threading, Exception Handling, Collection’s framework extensively to store, retrieve and manipulate data objects of application in the business logic layer.
* Written Spring Configuration XML file that contains declarations and another dependent objects declaration.
* Used J2EE Design patterns like Singleton, Service Locator and Business Delegate during development.
* Developed microservices with Spring Eureka to retrieve API routes for the entire cluster. Using this strategy each microservice in a cluster can be load balanced and exposed through one API gateway.
* Developed front-end and back-end code for an administrative web app using React, Redux, Groovy, JavaScript, TypeScript, and Java. Used JIRA for bug tracking, issue tracking and project management.
* Used Spring Transactions in the application and spring beans to develop Session beans for the business logic.
* Spring MVC Framework IOC design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency specification from the actual application code. Used NoSQL MongoDB database to provide recommendations on Performance tuning for applications.
* Implemented spring service layer with dependency wiring, transaction, DAO, Annotations for Dependency Injection. Implemented logging using log4j framework which is used to log both UI and Domain Level Messages.
* Designed and developed Application based on Spring Framework, Spring MVC and spring templates, Used Spring Framework for Dependency Injection and integrated with Hibernate DAOs for ORM mapping.
* Composed and executed MongoDB document scripts to insert, update NoSQL database, automating dat changes, reporting and wrote MongoDB client to receive data from AMC for Companies.
* Responsible for implementation of java integration components for JBPM and DROOLS.
* Created Test automation framework using Cucumber, Selenium web driver. Configured Jenkins build Jobs CI/CD.
* Used Apache Cassandra database for scalability and high availability without decreasing the performance
* Used Hibernate in persistence layer for mapping an object-oriented domain model to a relational database.
* Worked on PCF to host Application which used to role-based access controls, applying, enforcing roles and permissions to ensure that users can only view and affect the spaces for which they have been granted access.
* Developed EJS access layer and components using JPA/Hibernate frameworks implementations for object persistence to Derby database for mock domain and in Oracle database for real time domains.
* Using GIT as a version control, Source tree as a GUI tool on top of it.
* Used Selenium Data Driven framework for testing application and integrating it with Maven [Build Management Tool], TestNG [Unit Testing tool] and Jenkins [Continuous Integration Tool] for continuous delivery pipeline.
* Involved in Code Review, Unit Testing, and Integration Testing, tested cross browser functionality and fixed major layout bugs for supported browsers including IE6. Worked in agile methodology for TDD.
* Created and configured management reports and dashboard using Splunk by identifying data patterns, metrics.
* Developed front-end content using HTML5, CSS3, JSP, ExtJS, jQuery, Bootstrap. Used Maven as the Build tool.
* Used assistant tools such as GIT to access code repository and version control repository SVN.

**Environment**: J2EE 1.8, spring 4.0, Hibernate 4.0, AJAX, JMS 1.1, XML, SOAP, WSDL, REST, JDBC, JAX- WS 2.2, JavaScript

1.8.2, AngularJS, NodeJS, UML, HTML5, JAXB 2.2, Drools, ExtJS, SVN, Log4J, Cucumber, Groovy, JMeter, WebSphere 8.5

Application Server, Eclipse, Oracle 11g, Maven, Jasmine, Karma, Protractor, Jira.

**Allscripts, Chicago, IL October 2015 to December 2016**

**Role: Java/J2EE Developer**

**Project Description:** This is a web application based on J2EE architecture. It provides web-based access to inpatient and

outpatient data from the Data Repository. Users can review as well as update or enter new data through data

repository. Many clinicians use Data Repository daily for accessing patient data, which aids in making important clinical

decisions. Data Repository is mainly composed of various modules running inside of the application. The project aims to

provide the company with data to develop evidence-based health policy decisions as well. The client programs are for

issuing or retrieving data from the database on the query for finding health policy premium.

**Responsibilities:**

* Worked in Agile, Scrum Environment’s and participated in requirement gathering, analysis and design.
* Defined and constructed layers, server-side objects, and client-side interfaces on Java/J2EE design patterns.
* Developed and implemented Spring MVC framework for the application.
* Utilized Java features like Lambda expressions and Stream API for Bulk data operations on Collections.
* Designed Prototype and project layout skeletons jQuery, CSS3, HTML5, XML, DHTML and JavaScript.
* Developed SPA’s using AngularJS. Involved in designing Spring boot application and Hibernate ORM.
* Created Multiple & Nested Views, Controllers, Services and Custom Directives, Node.js, Bower and Grunt.
* Involved in the process of Design, Coding and Testing phases of the SDLC.
* Worked on performance tuning of cluster using MongoDB, configured internode communication.
* Used AngularJS in creating animations based on CSS classes for a new requirement surfaced for the client.
* Creating a responsive web application integrating Twitter Bootstrap with AngularJS and media queries.
* Used react-redux library to connect Redux application state to ReactJS components.
* RESTful web services using Jersey for JAX-RS implementation and to transport detain JSON format.
* Worked on SOA Web Services using SOAP for transmission of large blocks of XML data over HTTP.
* Consumed Web Services to fetch and direct credit card information from third party application.
* Designed and implemented application using JSP, Spring MVC, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions and Hibernate.
* Developed new features for a REST SOA backend in Clojure and led evolution of a backend architecture.
* Used a Microservice architecture, with Spring Boot-based services interacting through a combination of REST and Apache Kafka message brokers. Elastic Cache can be run in the Amazon VPC environment.
* Developed Microservices using Spring Boot, Spring Security, Eureka, HATEOAS and deployed to AWS.
* 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. Created RESTful web services interface to Java-based runtime engine.
* Used various jQuery and Bootstrap plug-in like date picker, Bootstrap selectors.
* Used Angular JS framework where data from backend is stored in model and populated it to UI and used DOJO for JavaScript. Exposed and consumed SOAP based Web Services to communicate between systems.
* Used Active MQ to improve the stability and scaled the system for more concurrent users.
* Built Scala prototype for the application requirement and focused on types of functional Scala.
* Worked on creation of custom Docker container images, tagging, and pushing the images.
* Wrote SQL queries, stored procedures, and enhanced performance by running explain plans.
* Composed and executed MongoDB scripts to insert and update NoSQL database automating data changes and reporting and Managing and maintaining Oracle and NoSQL databases in production domain.
* Wrote an integration application in Groovy for the Magento Shopping Cart Application and Counter Point.
* Created and configured new JIRA projects and worked with departments to maintain existing JIRA projects.
* Used log4j for logging and SVN for version control also occasionally employed GITHUB as repo store.
* Used XStream API to transfer data back and forth between Spring MVC and Ext JS.
* Developed Maven scripts and developed builds using Maven and continuous integration servers like Jenkins.
* Use Jenkins with Maven to Compile and Build Microservices code and configure Build Triggers.
* Use of data structures and algorithms for time and memory complexity reduction.
* Performing Smoke Testing and Acceptance Testing with Selenium in multiple Java platforms.
* Implemented REST web services in Scala using Akka for tracking an application. Followed TDD methodology to write unit tests with JUNIT and Mockito. Wrote automated regression tests using JMeter.

**Environment:** Java, J2EE, JDK, AWS SDK, Ext JS, Git, Spring, AWS, hibernate, Core Java, SOAP/Rest, Web Services, Python,

JavaScript, UML, HTML5, CSS, SASS, RAD, WAS, WSDL, JIRA, JAXB, Linux, JMS, UNIX, Selenium NOSQL(MongoDB),

AngularJS, ReactJS, AJAX, Apache JMeter, jQuery, Mule ESB JUnit, Maven.

**ICICI Insurance, Hyderabad, Telangana, India August 2014 to October 2015**

**Role: Java Developer**

**Project Description:** This is about online services for health insurance which facilitates customers to get a fast quote

online, search a policy, upgrade a policy, make a payment, and can change the personal information.

**Responsibilities:**

* Involved in analyzing the user requirements and specifications for deciding the flex component needed to be developed and their interaction. Involved in the design by preparing UML diagrams using MS Visio tool.
* Created JSP screen by assembling Struts Tiles and Taglibs and used HTML for static webpage and JavaScript for View part of the project.
* Designed dynamic and multi-browser compatible pages using HTML5, CSS3, jQuery and JavaScript. Produced content pages with CSS3 layout and style mark-up presentations using JavaScript methods and properties.
* Used Ajax for asynchronously exchanging small amount of data with the server behind the scenes and updating the JSP page. Used JRockit JDK to develop and run the underwriting workbench application.
* Developed additional UI Components using JSF and implemented an asynchronous, AJAX (jQuery) based rich client to improve customer experience.
* Debug the application User Interface using Firebug to traverse the documents and manipulated the Nodes using DOM and DOM Functions. Followed Agile Methodology during the development process.
* Involved in Hibernate configuration properties setup and mapping files using generators, associations & inheritance etc. Configured EMMA tool and ran test suite and made sure that 100% test coverage.
* Involved in developing the applications using Spring Framework for Dependency Injection (Inversion of Control). Used JMS to send messages through WebSphere queues.
* Implemented simulated top-down SOAP based Web Service to test the business logic for the rating calculation. Implemented Maven as build and configuration tool.
* Utilized JDBC, MQ Series, Web Service, and Hibernate framework to access the data from back-end MS SQL database server. Developed and debugged the application using Eclipse IDE.
* Used Stored Procedures to crunch data and creating view for fetching data from multiple tables on MS SQL Server. Used Java Persistence API (JPA) for managing relational data mapping.
* Spring framework to implement bean to declare a service and accessed those using Application context.
* Extensively involved in Unit testing and coordinated with the testing team and fixing Bugs at various stages of the application development. Tracked defects using QC.
* Used SVN for version control and Log4J logging framework to write Log messages with various levels.
* Developed Automated Test Application which validates various XML document using Junit and XSLT.
* Work with DNS to map the website to its IP address. Extensively used GWT for developing Ajax applications.

**Environment:** JDK 1.5, Java/J2EE, JSF 1.0, Hibernate 3.0, Jakarta Struts 2.0, Spring 3.0, JSP, CSS, JSTL, JDBC, Servlets,

XML, JRockit, JUnit, JavaScript, VSS, JMS, Agile Programming, Eclipse 3.1, GWT, MSSQL Server 2005, Ajax, AXIS, Web

Services JAX-WS, BEA Web Logic Server 8.1, UML, Maven, UNIX, SVN.

**GE Healthcare India, Hyderabad, Telangana, India February 2012 to July 2014**

**Role: Java Developer**

**Project Description:** GE Healthcare provides transformational medical technologies and services helping to deliver patient care to people around the world. GE Healthcare provides an online website for the customers. This website is an e-

commerce application which provides an online interface to manage user accounts for the customers to facilitate

customers to view, purchase products and request services.

**Responsibilities:**

* Developed and tested modules using Agile (SCRUM) methodologies and developed Technical design documents.
* Workflow and workflow navigations were developed to work per the user roles.
* Worked with modules like mongoose for database persistence using NodeJS to interact with mongo db.
* Implemented RESTful Web services in SOA to retrieve data from client side and made REST API calls from NodeJS and parsed the data to client. Use NPM to manage the modules and used it to install useful tools such as Grunt.
* Deployed the Application into Docker container and made easily accessible at runtime using Cloud Foundry and other cloud services. Created SPA which can data bind and synchronize with server with AngularJS framework.
* Implemented the function to send and receive AMQP messages on RabbitMQ synchronously and asynchronously send JMS message to Apache Active MQ on the edge device.
* Implemented the associated business modules integration using spring and Hibernate data mapping.
* Used Maven to build, test and deploying purposes Used Hibernate annotations for hibernate mapping.
* Developed Restful services for other to interact with our system and secured service with Spring Oauth-2.0.
* Used GIT software. Prototyped immutable infrastructure with Docker to move towards DevOps.
* Utilized spring core, AOP and security to build robust business operations with transactional support.
* Developed effective web pages using HTML, CSS, JavaScript, NodeJS and Bootstrap.
* Worked on FileNet CE Java API’s, Webservices and Monitoring the SMTP servers, verifying ICC Dashboard.
* Extensively used Spring Framework modules like MVC, DI (IOC), Auto Wiring, JDBC, Spring Security, and AOP.
* Implemented SOA to develop REST Based Web services, Microservices-based Integration using Apache Axis.
* Used groovy and spring boot to collecting data from users and packaged as Json distributed to 43 applications.
* Worked with API Management product of APIGEE in consuming the API’s in implementing customer use cases.
* Used NoSQL MongoDB to provide recommendations on Performance tuning for applications.
* Involved in Designing and deploying AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto Scala groups. Supporting Systems Infrastructure comprised of Linux OS AWSEC2 instances.
* Developing or maintaining a production-level cloud-based architecture in AWS. Configuring Cassandra clusters and key spaces on RHEL open stack Installed and setup apache spark.
* Utilized AWS Lambda platform to upload data into AWS S3 buckets and to trigger other Lambda functions.

**Environment:** AWS, Java7, J2EE, Cloud Foundry, Java Beans, Spring, Spring Kafka, Zookeeper, AWS, CI/CD, J-Query, EJB,

hibernate 2.0, APIGEE, Eclipse, Angular, Spark, Jenkins, TOAD, Oracle 11g, Groovy, MongoDB, PL/SQL, Selenium,

Cucumber, Log4j, XML, HTML 4.0, REST, JMS, ActiveMQ, Web Services, Web Logic server, jasmine, Maven, ANT.

**Education:**

**Bachelor’s Degree** in **Computer Science Engineering** from **JNTUH, India.**