**Manasa**

**Sr. Java/J2EE Developer**

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**Professional Summary:**

* Around 8 years of experience as a Full-Stack Java/J2EE Developer, offering a strong foundation in programming principles and implementation of RESTful multi-tier applications using Spring MVC, Spring Boot, Hibernate, Spring AOP, Angular4/6/8, React JS, Kafka, Jenkins, OpenShift technologies, Docker and AWS.
* Extensive experience in various types of Unix and Linux operating systems - SUN SOLARIS 8,9,10,11 REDHAT Enterprise RHEL ,CENTOS 4.x,5.x , SUSE Linux and HP-UX.
* Installed and configured UNIX servers as TSM client using IBM Tivoli Storage Manager 5.3/5.4,6.1.
* Proficient in analysis, design, development, testing and deployment in various environments.
* Experience in developing web applications, SOA, Rest API Web services, micro services using Java /J2EE technologies.
* Experience in client-side Technologies such as Angular, React, HTML/HTML5, CSS/CSS3, JavaScript and jQuery, AJAX, JSON.
* Extensive knowledge and hands on experience with web and xml technologies like HTML, DHTML, JSP Custom Tags, JavaScript, XML, AJAX, CSS, XML Schema and SAX, DOM, JAXP parsers and Spring Framework.
* Expertise in installing and setting up MQ monitoring tools.
* Experience in implementing SOA (Service Oriented Architecture) using Web Services (SOAP, WSDL, Restful, and JAX-WS) and REST Services.
* Experience in developing application in Single Page (SPA’s) using Angular and React framework.
* Experience with using Apache Tomcat Server.
* Used Maven scripts for building and deploying the application in web/App servers.
* Proficient in Design Patterns such as Spring MVC, Singleton, Session Façade, Data Access Object, Factory and Business Delegate.
* Wrote Kafka producers to stream the data from external rest API’s to Kafka topics.
* Good experience working with Postman to test the API calls and exporting the requests as package to reuse the same and make it easy for the team members while testing.
* Good experience working with logging tools like Log4J. Used logging levels like INFO, DEBUG and ERROR while developing the application.
* Extensive experience in different IDE’s like Eclipse, NetBeans, and IntelliJ.
* Experience in writing, optimizing SQL queries, PL/SQL, development of complex stored procedures, joins, views like database objects in Oracle, MySQL, MS SQL Server, MongoDB.
* Good experience working with CI/CD pipelines using Jenkins.
* Worked in container-based technologies like Docker, Kubernetes and Openshift.
* Configured various code quality tools to our web application like sonarqube, sonarlint and snyk.
* Good experience in resolving vulnerabilities that are present in the application.
* Worked with OpenShift platform in managing Docker containers and Kubernetes Clusters
* Experience with various AWS services like Amazon EC2, Amazon S3, EKS, ECS, Route 53, SNS and SQS.
* Worked with version control systems like GIT, BitBucket, Azure Devops and SVN.
* Strong Experience in AWS Lambda function, Code commit, Cognito Integration, S3 Bucket, API Gateways.
* Experience with Web Development, Amazon Web Services, Python and the Django framework
* Experience with monitoring tools like Splunk and Newrelic and have basic knowledge on DynaTrace.
* Strong Knowledge of Software Development lifecycle (SDLC) and methodologies like Agile, Waterfall and Scrum approach.
* Good experience in supporting production environments. Involved myself in production support for various projects and have good experience with PagerDuty and ServiceNow integrations with the application.
* Proven capabilities in being self-motivated performer and team player in large and distributed development environments.

**Technical Skills:**

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| --- | --- |
| **Programming Languages** | Java 7/8/11, J2EE, C, C++, SQL, PL/SQL |
| **J2EE Technologies** | Servlets, JSP, EJB, JMS, JSF, JDBC, JNDI, Web Services, Spring. |
| **Web Technologies** | HTML, CSS, JavaScript, jQuery, JSP, Angular4/6/8, AJAX, JSON, XML, React JS. |
| **Frameworks** | Spring Boot, Spring, Struts, Hibernate, Angular |
| **XML/Web services** | REST, SOAP, Apache-CXF, Jersey, SAX, DOM, JAXP. |
| **IDE/ Tools** | IntelliJ Idea, NetBeans, Eclipse, Visual Studio, MYSQL Workbench, SQL Developer, MAVEN |
| **Databases** | MySQL, Oracle 10g, MS-SQL, MongoDB |
| **Web/Application Servers** | Tomcat, WebLogic, WebSphere |
| **Cloud Services** | Amazon Web Services (EC2/EBS/S3) |
| **Monitoring Tools** | Splunk |
| **Big data technologies** | Kafka |
| **CI/CD Tools** | Jenkins |
| **Container Technologies** | Docker, Kubernetes, OpenShift |
| **Methodologies** | Agile and Waterfall |
| **Version Controls** | GIT, BitBucket, SVN |
| **Testing/ Debug Tools** | Postman, Log4J, JIRA |
| **Virtualization Tools** | VMware, Oracle Virtual Box |

**Professional Experience:**

**Maryland Financial Bank, Towson, MD February 2022 to Present**

**Role: Sr. Java Full Stack Developer**

**Project Description:** The main application is a web-based application, which includes many modules of Retirement plan like 401(k), Profit Sharing, IRA, Defined Contributions, and Defined Benefits. I was involved in developing the Defined Benefits module which is a main module of the application. In this module, the main function of the application is to track all employee details starting from the day he joined to till his retirement and all his contact information. The pension is calculated based on the employee earnings history, tenure of service and age. It also sends all the necessary reporting details to retirees and keep updating them. It also keeps the track of government withholding requirements.

**Responsibilities:**

* Used Spring AOP for cross cutting concerns and IOC for dependency injection.
* Implemented Persistence layer using Hibernate to interact with Oracle Database, used Hibernate for object relational mapping and persistence. Developed Hibernate mappings to tables using JPA annotations.
* Used Apache Camel and CXF in the JBoss Fuse ESB as the integration platform for SOA Services.
* Involved in the deployment of web service End-points using Apache CXF.
* Developed hibernate DAO Access or classes using Spring JDBC Template. Knowledge in replication. Developed Servlets and JSP based on MVC pattern using Spring Framework.
* Refactored Microservice to make it RESTful, thread-safe, and more configurable.
* Responsible for implementation of Java integration components for JBPM and DROOLS.
* Developed UI components using HTML, CSS, JavaScript, jQuery, NodeJS, BackboneJS and AngularJS
* Experienced in deploying J2EE applications on Apache Tomcat web server and WebLogic, WebSphere, JBOSS application server and RHEL. Client had used Jersey and Axis Frameworks by using Eclipse.
* Hands on experience in Amazon Web Services (AWS) provisioning and good knowledge of AWS services like EC2, S3. Involved in the UI development using HTML5, CSS3, JavaScript, jQuery, JSON, AJAX, Bootstrap and AngularJS.
* Experience in working with Groovy on Grails framework which makes creating complex workflows much simpler.
* Experience with client-side web technologies/frameworks such as AngularJS, Bootstrap CSS, Bower, NodeJS, Backbone JS, Ext JS and jQuery. Worked on Solr, Elastic Search, Kafka, Flume, MongoDB, Cassandra, Mark Logic.
* Experienced in implementation of JMS to exchange information over reliable channel in an asynchronous way by using Active MQ, Rabbit MQ as a message queue.
* Worked on service-oriented systems that utilize REST web frameworks with Spring MVC, Spring REST Template, Rabbit MQ, Spring Integration. Developed the application using Eclipse IDE and Spring Tool Suite.
* Used OAuth2 to provide authorization decisions across a network of web enabled applications and API.
* Experienced in deploying J2EE applications over servers like Apache Tomcat 4.x, and WebLogic, WebSphere servers. Deploying applications using Lambda, ECS and Docker containers and utilizing CI/CD processes.
* Used AngularJS framework where data from backend is stored in model and populated it to UI and used DOJO for JavaScript. Used GIT for version control. Developed and build all the tables using Oracle 11g.
* Good understanding of Mark logic NoSQL Data bases and hands on work experience in writing application on NoSQL databases. Worked on JUnit testing framework and configured application on Web Logic Server.
* Used Java 1.8 features like stream, lambda expressions, functional interface, collections, Date/Time changes and type annotations. Extensively used Apache Camel for transformation and used both Java DSL and XML DSL.
* Utilized MEAN stack, REST design pattern, MVC framework and SPA (Single Page Application) framework based on AngularJS. Designed and developed SOA based enterprise system using SOA Suite.
* Integrate Bootstrap in existing web applications. Involved in coding for the presentation layer using jQuery, jQuery Mobile, NodeJS, Backbone JS, AngularJS and JavaScript.
* All the functionality is implemented using Spring IO / Spring Boot, Microservices and Hibernate ORM.
* Designed the user interface of the application using HTML5, CSS3, JavaScript, NodeJS, AngularJS, BackboneJS, jQuery and AJAX. Designed and developed the application using Agile Methodology and followed Scrum.
* Extensive experience with various Web Application servers like IBM WebSphere, Apache Tomcat, WebLogic.
* Implemented Apache Camel routes using Camel-Spring XML and Camel-Spring processor beans.
* Develop and executed unit test cases using JUnit, and Mockito as mocking framework for mocking data.
* Experienced in developing web applications using JSP, Servlets, JDBC, JavaScript, AJAX, and jQuery, HTML5, JSON, NodeJS, Backbone JS, AngularJS, ExtJS, Bootstrap, ReactJS and CSS3.
* Involved in creating unit testing of various layers using JUnit and created automated test scripts for integration testing using selenium. Used Apache Camel in the JBoss Fuse ESB as the integration platform for SOA Services.
* Performed Unit as well as System Integration test (SIT) and User Acceptance Test (UAT) for all the modules.
* Involved in Maven based build process and continuous integration of the project using Hudson and Jenkins.

**Environment:** Spring Framework, Hibernate, Fuse ESB, Apache Camel, Logstash, JavaScript, JBoss, Groovy, CSS, HTML, Ajax, SOLR, AngularJS, NodeJS, ReactJS, Mockito, Apache CXF, Bootstrap, XML, Eclipse, GIT , Maven, Log4j, jQuery, AWS, Ext JS, JUnit, Jenkins, REST API, Toad, agile, Multithreading , Oracle12 C, NoSQL, Selenium, JDBC, JIRA, JBPM, Mark logic, Backbone js, PL/SQL, MongoDB.

**Warner Bros. Entertainment Inc, Burbank, CA November 2020 to January 2022**

**Role: Sr. Java Full Stack Developer**

**Project Description:** The main theme of this project is to build and main the Database Management System which helps to main all the Employees working logins.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development. Followed Test Driven Development (TDD) and agile methodology. Used JENKINS for continuous integration (CI) and continuous deployment (CD).
* Developed UI pages with JSP, Spring MVC, HTML5, CSS3, JavaScript, jQuery, and used Bootstrap for creating Responsive Web pages. Created AngularJS Controller which isolate scopes perform operations in UI.
* Followed the strict patterns of implementing model-view-controller (MVC) architecture using Angular Framework. Design and implementation of accessibility features and collaborating with customer up to date.
* Developed a dashboard based on Ajax calls with Business Customers count, flags, Real-time graphs for Analytical Reporting using NodeJS. Used the NodeJS and AngularJS, MVC Frameworks in the development of the web applications. Implemented Spring HYSTRIX to enable real-time monitoring, alerting, and operational control.
* Designing and developing the algorithms for server module that configures process management engine using Java8. Worked on Oracle database concepts such as locking, transactions, indexes, replication, schema design.
* Designing and implementing scalable, RESTful and micro-services-based mobile back-end. The back-end is being written in Java using Spring Boot for simplicity and scalability. Web application backend REST API utilizing AngularJS and Oracle. Used Drools Decision table using excel sheets with a Spring MVC project.
* Developed the Spring Features like Spring MVC, Spring DAO, Spring Boot, Spring Batch, Spring Security, Spring Integration. Developed the client-side application on AngularJS platform using JavaScript programming.
* Used Spring Boot based services to interact through a combination of REST and Apache Kafka message brokers
* Spring MVC Framework IOC (Inversion of Control) 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. Implemented Spring security for application access and authorization.
* Implemented a circuit-breaker pattern to automatically/manually stop all requests to an external service.
* Used Spring Ribbon API to check whether the servers are up and running in a live environment and detected those servers that are down. Developed RESTful service interface using Spring MVC to the underlying Agent Services API. Designed spring boot mechanism without configuration XML's and replaced it with Java classes.
* Involved in the development of underwriting process, which involves communications without side systems using Rabbit MQ and JMS. Log 4j was used to monitor the error logs. Used GIT repository as version control tool.
* Used Spring Core for dependency injection/Inversion of control (IOC) and Hibernate Framework persistence onto Oracle database. Develop unit test using Karma and Jasmine. Followed strict patterns of RA for unit test cases using jasmine. Used Apache Maven as the software build tool and Log4J for logging errors and messages.
* Created Stored Procedures, User Defined functions, Views and implemented the Error Handling in the Stored Procedures and SQL objects and Modified already existing stored procedures, triggers, views, indexes depending on the requirement. Worked with the Node package manager (NPM) along with Grunt and Bower for the build.
* Used Hibernate mappings, relationships between tables and entity classes to access and update information in the database. Worked on creation of custom Docker container images, tagging and pushing the images.
* Migration of Existing Application to AWS cloud. Used Amazon Web Services (AWS) like EC2, S3, RDS, cloud watch and Cloud Front for promoting code in various environments. Deployed the application in Apache Tomcat.

**Environment:** HTML, CSS, Bootstrap, AngularJS, ReactJS, Ajax, Rest Webservices, Spring MVC, Java 1.7/1.8, Core Java, Scala, Spring Boot, Multithreading, Spring 4.x, Hibernate 4.x, Spring Batch, Apache Kafka, Rabbit MQ, JMS, AWS, Docker, Grunt, Bower, Spring Security, JUnit, Karma, jasmine, Jenkins, GIT, Apache Maven, Oracle 10g/11g.

**Monsanto, Tifton, GA April 2019 to October 2020**

**Role: Java Full Stack Developer**

**Project Description:** It is a Pharmacy application, which is used by Monsanto. This application allows agents and customers to process their prescriptions (In-store/Web). The web application allows the customers to send their prescriptions and get them shipped (home/nearby store), payments can be done.

**Responsibilities:**

* Designed and developed code for Exchange project using the Java, J2EE platform.
* Developed using new features of Java 1.8 annotations, Generics, enhanced for loop and Enums.
* Used Bootstrap library to build application UI's, used AngularJS to associate HTML elements to models.
* Designed configuration XML Schema for the application and used JavaScript for the client-side validation.
* Used jQuery and AngularJS JavaScript to provide dynamic User Interface and for the client-side validations.
* Implemented jQuery Plugin implementation: - Banner, Slider, Accordion, Tabs, jQuery Dropdown, Image Gallery.
* Implemented UI components using Angular JS dependency Injection, Models, data binding and controllers.
* Created UI interfaces to manage user menu and Bulk update of Attributes using AngularJS, and jQuery.
* Developed custom AngularJS directives, tags and integrated with Spring forms.
* Used React JS to create Controllers to handle events triggered by clients and send request to server.
* Extensively used MVC, Factory, Delegate and Singleton design patterns.
* Developed REST Web Services clients to consume those Web Services as well other enterprise wide Web Services Used Spring Security for session fixation, clickjacking, cross site request forgery.
* Used Spring inheritance, Auto-wiring, Core Containers, ORM modules as part of migration from EJB to Spring, Spring Quartz for scheduling tasks to generating reports and emails to clients.
* Used Spring Framework AOP Module to implement logging in the application to know the application status.
* Strong hands-on experience with Spring IO, Spring Boot.
* Implementing or exposing the Micro services to base on RESTful API utilizing Spring Boot with Spring MVC.
* Used advanced Java 8 features like Lambda expressions for array operations, collections. Enhanced concurrency methods etc. throughout the application for well-defined programming.
* Worked on SOA Web Services using SOAP with JAX-WS for large blocks of XML data over HTTP.
* 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.
* Implemented Spring Circuit breaker pattern, integrated Hystrix dashboard to monitor Spring micro services.
* Performed configuration, deployment and support of cloud services including Amazon Web Services (AWS).
* Configured AWS Identity and Access Management (IAM) Groups and Users for improved login authentication.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Worked on Spring cloud for Routing, Service-to-service calls, Load balancing.
* Used Pivotal Cloud Foundry to role-based access controls, applying and enforcing roles and permissions to ensure that users can only view and affect the spaces for which they have been granted access.
* Developed session, entity beans and message driven beans, mapping of Java Objects to Database Tables using Hibernate. Used Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.
* Used Spring MVC Transaction Management, Spring/Hibernate Batch Transactions and Hibernate cache concepts.
* Implemented Hibernate Template to great extent making use of HQL, Named Parameters, Named Queries and interfaces such as Expression, Query and Criteria.
* Created tables and worked on SQL and PL/SQL to write Stored Procedures functions and packages for complex Inserts and updates in the database. Developed screens using HTML5, CSS3, JavaScript, jQuery and AJAX.
* Wrote SQL queries to get the data, update the data from the database and to connect database in the DAO implementation classes. Developer Spring Quartz jobs to run the backend jobs and generated reports.
* Generating Scala and Java classes from the respective APIs so that they can be incorporated in the overall application. Designed and developed file upload and file download features with Oracle Blob.
* Used Scala collection framework to store and process the complex consumer information. Based on the offers setup for each client, the requests were post processed and given offers. Done unit testing using TestNG.
* Used slick to query and storing in database in a Scala fashion using the powerful Scala collection framework.
* Developed Applications using Rule Engines- JBoss Drools 4.x to validate the business User Roles.
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of important information such as payment status report. Used version control repository SVN (Subversion by apache) and JIRA for issue tracking.
* Implemented Hibernate Template to great extent making use of HQL, Named Parameters, Named Queries and interfaces such as Expression, Query and Criteria. Used iText to generate pdf in the form of a tree.
* Used Maven, Nexus, Jenkins as a build tool and retrieved all the dependencies required for the application.

**Environment:** Java 8/J2EE, Spring framework 4.x, Spring Boot, Hibernate 4.x, Servlets 2.3, AJAX, XML, Microservices, Angular JS XML 1.x, Java Beans, Apache POI, jQuery, JavaScript, Oracle 11g, WebSphere 8.0, ReactJS, AWS, Pivotal Cloud Foundry, Drools, Agile Methodology, Design Patterns, Scala, Spring Eureka, SVN, Apache Maven, JUnit, HTML Unit, HTML/DHTML.

**E-Trade Financial Corporation, New York, NYOctober 2018 to March 2019**

**Role: JAVA Full Stack Developer**

**Project Description:** E-Trade Financial Corporation is a U.S based financial services company headquartered in New York. It is a holding company, the major business of which is an online discount stock brokerage service for self-directed investors.

**Responsibilities:**

* Designed Prototype and project layout skeletons using ReactJS, jQuery, CSS3 and HTML55.
* Involved in designing and developed presentation layer using Ajax, jQuery, and third-party libraries.
* Used various jQuery and Bootstrap plug-in like date picker, Bootstrap selectors.
* Used Apache Cordova to build native mobile applications using HTML55, CSS3 and JavaScript.
* Used Adobe Experience manager (AEM) to manage and deliver digital experiences across websites.
* Developed classes using core Java concepts like Multithreading, Concurrency, Memory Management.
* Used Multithreading to develop various helper classes in programming to improve overall performance.
* Used Spring DI, annotations, and MVC to implement business layer and navigation part of application.
* Used Spring Boot Actuator to externalize application's configuration properties for various environments.
* Configured Swagger-UI registered Microservice with Eureka to monitor services from Spring Boot console.
* Defined Hibernate Named Queries for Batch operations while defined Criteria Queries for Microservice.
* Microservice have been built using Spring Boot, Spring security and deployed to AWS cloud.
* Used Spring Cloud AWS Core, Spring Cloud AWS Context, and Spring Cloud AWS Messaging.
* Utilized AWS Lambda platform to upload data into AWS S3 buckets and to trigger other Lambda Functions Including EC2, MongoDB focusing on high-availability, fault tolerance, and auto-scaling.
* Database required for creation of new tables, PL/SQL stored procedures, functions, views, indexes, constraints, triggers and required SQL tuning to reduce the response time in the application.
* Developed several REST webservice which produces both XML and JSON to perform tasks, leveraged by both web and mobile applications. RESTful webservice using Jersey for JAX-RS implementation.
* Exposed and consumed SOAP based Webservice to communicate between systems.
* Developed several SOAPS based JAX-WS Webservice interfaces for integrating multiple systems, code re-usability and JMeter to test performance of SOAP protocol. Deployed the application on WebSphere 8.5 application server. Developed, Tested and Debugged the Java, JSP using Eclipse RCP.
* Used REDIS as in memory database, for storing and fetching data in memory to increase the performance.
* Used Apache Kafka for building real time data pipelines and for storing data in a distributed cluster.
* Worked on Drools Rule Engines with corresponding to validate the business User Roles.
* Used SOAP UI for Functional Testing, Performance Testing, Regression Testing and to test REST & SOAP.
* Used Apigee for web-scale, enterprise flexibility on premise and hybrid deployment on single code base.
* Created and configured new JIRA projects and worked with departments to maintain existing JIRA projects.
* Developed codes in an immutable manner using Scala to apply concurrency and parallelism.
* Developed Unit test cases using Junit, Mockito and Jenkins for continuous integration.
* Used Kubernetes for automating deployment, scaling and management of containerized applications.
* Used Docker to collaborate code, run and deliver more securely for both Linux, Windows Server.
* Developed Maven scripts and builds using Maven and continuous integration servers like Jenkins.
* Used log4j for logging and GIT, SVN for project management and version management.
* Functional testing of the front-end applications is done using Selenium (IDE and Web Driver).

**Environment:** J2EE, ReactJS, jQuery, CSS3, HTML5, Ajax, Core Java, Spring IOC, Spring MVC, SpringSecurity, Spring Boot, Hibernate, Microservice, Eureka Server, Swagger-UI, Apache Kafka, AWS Cloud, AWS Lambda, S3, EC2, Scala, MongoDB, REST Webservice, JAX-WS, SOAP UI, JDBC, PL/SQL, JIRA, GIT, SVN, log4j, Maven, Junit, Mockito, Jenkins, JMS Queues.

**Cipla, Hyderabad, Telangana, IndiaJanuary 2017 to September 2018**

**Role: Java Developer**

**Project Description:** Cipla provides integrated pharmacy benefit management services including network-pharmacy, claims processing, home delivery pharmacy services, specialty pharmacy benefit management through its subsidiary Accredit, benefit-design consultation, drug-utilization review, formulary management, medical and drug data analysis services to manage drug plans for health plans, self-insured employers and government agencies (both as administrator of employee benefits and public assistance programs).

**Responsibilities:**

* Prepared Analysis document and followed AGILE software development with Scrum methodology.
* Used JavaScript and jQuery for validating the input given to the user interface.
* Applied data transformation rules to transform code from one format to another format using NodeJS.
* Created the Nodejs express server to build MVC framework from front-end side AngularJS to back-end.
* Developed front-end code with Ajax call in AngularJS and jQuery to retrieve data as JSON Object from controllers in back-end RESTful Server. Developed the application on NodeJS platform using JavaScript programming. Used framework APIs like Struts, SPRING, iBATIS and Hibernate.
* Worked on the SPRING framework like SPRING IOC, SPRING DAO, SPRING ORM and Spring Integration.
* Involved in the development of backend Logics or data access logic using Oracle DB & JDBC.
* Developed API using Hibernate to interact with the Oracle database.
* Expertise in Multithreading, Remote Method Invocation (RMI), EJB, Serialization, and Java Beans.
* Worked extensively on SPRING MVC framework to develop new internal web application.
* Used Spring AOP components for the Logging, Exception handling and Transactional Models.
* Enforce compliance with dynamic processing and security policies by using Mule ESB.
* Developed Spring boot application with microservice and deployed it into AWS using EC2 instances.
* Developed stored procedures, triggers, and functions with PL/SQL for Oracle database.
* Uses the DAO pattern for data access layer and JMS API for the messaging requirement.
* Design PL/SQL batches using Core JAVA with connectivity to Oracle for data maintenance and handling.
* Test API responses for WCS changes deployed on continuous basis, validate Green Box and MongoDB data.
* Developed test cases and performed unit test using JUnit Framework and used JIRA for tracking bugs.
* Developed and executed SQL queries for testing database integrity and for data analysis using Selenium.
* Developed automated regression test cases in Selenium WebDriver using Java programming language.
* Used Maven to build and generate code analysis reports and JENKINS for continuous integration.
* Used WebLogic for design, development, and deployment of applications.

**Environment:**Java, J2EE, SPRING, Hibernate, Struts, WebLogic, Restful, jQuery, AJAX, Ext JS, JavaScript, JSP, JSTL, Servlet, Microservice, Oracle, CRUD, PL/SQL, JIRA, Angular, GWT, JDBC, AWS, MongoDB, NodeJS, Adobe (CQ5), Bootstrap, Core Java, JBPM, NoSQL, UML, Eclipse, Junit, Maven, Agile, SOA, JIRA, JENKINS, Selenium.

**HSBC Insurance, Hyderabad, Telangana, India August 2015 to December2016**

**Role: Java Developer**

**Project Description:**It’s an Ecommerce application which provides services such as Health Insurance, Auto Insurance and home insurance. The application is used for accessibility into the appropriate Agent Centre applications and generating quotes and policies, payments and reports.

**Responsibilities:**

* Involved in full project management life cycle from development to integration, testing and release.
* Defined strategic initiatives on CI/CD model with Extreme programming (XP), and build automation, in an AGILE development environment to help, respond quickly to business needs and deliver Quality products.
* Developed Interactive web pages using AngularJS, HTML, CSS and JavaScript. Developed UI components using AngularJS features like dependency Injection, Models, data binding and controllers.
* Implemented AngularJS client-side form validation, format view results using various controls and filters.
* Created multiple views using layout template and AngularJS ng-Route and developed test cases for AngularJS using Karma and Grunt. All the functionality is implemented using Spring IO, Thyme leaf and Hibernate ORM.
* Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions & Spring security modules. Developed strategy for integrating internal security model into new projects with Spring Security.
* Implemented the Microservices to base on RESTful API utilizing Spring Boot and Spring MVC by developing RESTFUL web services using Spring RESTFUL template. Used Java Collections API extensively such as Lists, Sets and Maps.Worked with JAXB, SAXP and XML Schema for exporting data into XML format and
* importing data from XML format to DB and JAXB in the web service's request response data marshalling & unmarshalling. Used Java server Faces (JSF) Navigation rules and JSF tags for enhanced user Interface.
* Used log4j for logging errors in the application and used JUnit for unit testing of the application.
* such as Interfaces and Exceptions. Increased database performance by utilizing MySQL config changes and multiple instances. Involved in the development of project back-end layer using by most of core Java features.
* Implemented Executor Service in the application, which can execute tasks in the background like a thread pool.
* MySQL processes and queries optimization. Exported & Imported database 10g objects from dev to production.
* Used JUnit, Mockito and Power Mocks framework for unit testing of application and implemented Test Driven Development (TDD) methodology. Used SVN for version controlling and source code management.
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of important payment status report information and other critical information. Multithreading was used to process data in chunks to improve performance. Involved in creating test cases using JUnit strictly following TDD methodology.
* Worked on Selenium Data Driven framework and integrating it with Maven [Build Management Tool], TestNG [Unit Testing tool] and Jenkins [Continuous Integration Tool].
* Implemented Continuous Integration of automation framework using tools like Jenkins, Hudson.

**Environment:**Java, Spring, Hibernate, Spring security, Spring Boot, JPA, Java Scripts, AngularJS, HTML, CSS, JMS, JAXP (SAX & DOM), WebSphere Application Server, Eclipse, MySQL, SOAP, RUP, Maven, log4j, Junit, XML, Web Services, ILogJRules, Splunk, GIT.

**HSBC Bank, Hyderabad, Andhra Pradesh, India May 2014 to July 2015**

**Role: Java Developer**

**Description:** Direct Mail Direct Response (DMDR) project is aimed to ease the functionality of Customer Service department for HSBC. The functionalities include managing customer calls and campaigns, entering customer problems, checking customer credit and/or activating services.

**Responsibilities:**

* Created the UI tool - using Java, XML, XSLT, DHTML, and JavaScript
* Followed Extreme Programming (XP) concepts one of the method of Agile Methodology to produce high Quality software and satisfy the customers.
* Wrote stored procedures using PL/SQL for data retrieval from different tables.
* Implemented Kerberos Authentication Service to validate users logging into Quill.
* Designed and implemented Struts (MVC Paradigm) components such as Action Mapping, Action class, Dispatch action class, Action Form bean, and a form set for validation and used Java Beans to return dynamic information. Designed the applications using OOAD.
* Worked extensively on bug fixes on the server side and made cosmetic changes on the UI side.
* Part of performance tuning team and implemented caching mechanism and other changes.
* Recreated system architecture diagram and created numerous new class and sequence diagrams. Wrote Entitlement Accessory Classes.
* Created combined deployment descriptors using XML for all the session and entity beans.
* Developed the Login screen so that only authorized and authenticated administrators can access the application. Incorporated entitlement checks in the entire session bean.
* Developed various activities like transaction history, search products that enable users to understand the system efficiently. Created and deployed numerous Session and Entity beans.
* Configured Oracle connection pool, which is included in Oracle JDBC driver JAR file, to allow concurrent access to the database and optimize performance.
* Involved in preparing the Documentation of the project to understand the system efficiently.

**Environment:**Java, J2EE, Servlets, JSP, HTML, Java script, JDBC, XML, XSD, JAXP, JAXB, JSON, Web Services, AJAX, WSDL, SOAP, JSF, JMS, Struts framework, XSLT, Web sphere Application Server, Unix, MySQL -SQL, PL SQL, SVN, QC, WINSCP3, Putty.