**Name: Ramesh M**

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**Sr. Java Developer**

**PROFESSIONAL SUMMARY:**

* Having around **8+years of experience in JAVA/ J2EE /Core Java /Core Spring software development** includes architecture, Analysis, Design and Development of Enterprise applications.
* Extensive experience in design and development of multi-tier applications using **Java, J2EE, Core Java, OO Java, JSP, Servlets, EJB, JMS,Web Service (JAX-RS, JAX-WS), JMS, Struts design patterns units, spring, Spring cloud, Spring boot, Hibernate**.
* Strong experience of developing data models using **Hibernate** POJO's, configuring Hibernate persistence layer, mapping Java classes with database using **Hibernate** and in Hibernate query language (HQL).
* Experience with **web sockets**, **web sphere portal server, web programming** and front-end integration though Java Servlets. Developed Web-centric applications using **XML**, **Angular 2**, **React JS and Express JS.**
* Expertise in web technologies like **HTML 5, CSS, JavaScript,Angular2, React JS, Node JS, Express JS, Bootstrap, Responsive design, JQuery, JSON, AJAX, XML, XPATH, XSLT, XML** based parsing technologies like **DOM** and **JAXB**.
* Extensive experience with**Angular 2,** creating custom directives and services to interface with both Restful and legacy network services.
* Experienced in working with **Angular2** for Client-side scripting and synchronizing the applications.
* Created Web Applications with real-time, two-way connection, where both Client and Server can initiate communication by using **Angular JS**.
* Designed the user interface of the application using **HTML5, CSS3, SASS, JSP, JSTL, JavaScript, Jquery, Angular JS, React JS, Node JS, Express JS and AJAX.**
* Experienced in developing we applications with **MVC architecture** using **Struts**, **Validator** frameworks, **Spring Boot** and **JSP.**
* Created the UI Interface using **JSP,JavaScript** (Backbone.js and Handlebar.js), **CSS.**
* Exposure in knowing the hands-on experience working with **React JS.**
* Involved actively in designing web page using **HTML, React JS, JQuery, JavaScript, Bootstrap and CSS, SASS**.
* Proficiency in application servers such as **IBM Web sphere 7.0/8.0, Web Logic 8.1/9.1/10.3,** Experience in web portal application design using **spring and Struts Frameworks**. Extensive Experience in using **MVC** (Model View Controller) architecture for developing applications using **JSP**, **Java Beans** and Action classes and Controllers.
* Experienced in developing React components. Used Axios with **React JS** for making **AJAX** Calls.
* Worked on **NodeJS** web server and**NodeJS** Restful API’s.
* Expertise in creating and configuring **Cold Fusion** development environment and configuring the web servers IIS and Apache and App servers.
* Used the Grunt task runner to compile Sass and compress JavaScript files.
* Experience in building a highly scalable, low-latency **Node-JS** API Gateway to interact with **MongoDB** database with **JSON.**
* Experienced with media queries and writing device specific CSS and performed client-side validations using Angular directives.
* Proficient in using RDBMS concepts and writing complex queries and extract data from **Oracle and MS SQL** databases.
* Expertise in Database Design, Creation and Management of Schemas, writing **Stored Procedures, Functions**, **DDL (**Data definition language**), DML (**Data Manipulation Language**), SQL** queries.
* Expertise with **Object Oriented Design (OOD), Object Oriented Analysis (OOA), Object Oriented Modeling (OOM)** based on **Unified Modeling Language (UML)** architecture.
* Experience in unit testing using **jasmine** on karma and used automated unit testing tool such as **J Unit, N Unit.**
* Experience and Strong knowledge in Design Patterns like **Singleton, JIRA, Service Locator, MVC, Facade, Value Object** and Caching Technique.
* Strong knowledge on Agile **SCRUM methodology** and **Waterfall model**.Experience in installation, configuration, and maintenance **web sphere portal server**.
* Performed all dimensions of development including Business Process Analysis, Requirement Analysis, Design, Test driven development.
* Hands on experience writing **web services** both client side and end-point using**WSDL**, **SOA**, **SOAP and Rest Full** (JAX-RS, JAX-WS).
* Extensive experience in Software Configuration Management using version control tools such as **Git**, **CVS, SVN, Stash** and responsible for various software version releases. Proficient in writing **UNIX and shell scripts**.
* Excellent communication and interpersonal skills and involved in client interactions for scoping, effort estimates and status reporting and **onsite and offshore development**.

# TECHNICAL SKILLSET:

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| --- | --- |
| Java/J2EE / Languages | Java 1.8/1.7/1.6, SQL, PL/SQL, Servlets, JSP, JavaBeans, XML Beans, JAXP, Web Services (SOAP),C, C++. |
| Framework/Libraries | Struts 1.x/2.x, spring 2.x, Spring boot, EJB 2.x, Hibernate 2.x/3.x, WebLogic Portal 10.3, Apache Axis 2.0, JAX-WS, SOA, Ajax. |
| Databases | Oracle 8i/9i/10g, MongoDB, DB2, MySQL 5.x, MS Access. |
| Web Services/Technologies | SOA, SOAP, REST, XSD, WSDL, XML, Axis Framework, XSD, SAX, DOM, HTML, XHTML, DHTML, CSS. |
| Design Skills | UML (Rational Rose, Visio), Object Oriented Analysis and Design (OOAD), Java Enterprise Design Patterns and Database design (ERWIN). |
| Version Control Tools | Git, Source Control VSS, SVN,StarTeam, Keystone, Subversion. |
| Methodologies | Agile/Scrum Methodology, Waterfall |
| Deployment and Testing | Maven, Ant, Junit, Jasmine/Karma |
| Operating Systems | Windows, Linux. |
| Development Tools | Web Developer 2.0, Http Watch 7.x, SSH Secure 3.2, Xpress Scan, PL/SQL Developer, TOAD, Quality Control, Clarity, Log4J, Drools, WebSphere Studio Application Developer 5.1, RAD 6.0, Log4j, JUnit, Web Sphere Message Broker Toolkit, WebSphere MQ, JIRA |

**Professional Experience:**

## CLIENT : MASTERCARD, St. LOUIS, MO

## POSITION : SR. Full Stack DEVELOPER JAN 2016 - PRESENT

**Responsibilities:**

* Involved in analysis and design phases of software development life cycle **(SDLC), SCRUM** development process was used for the product life cycle management.
* Created detail design document, use cases and class diagrams using **Rational Rose**.
* Front-Tier: Primarily focused on the spring components such **as Dispatcher Servlets, Controllers, Model** and View Objects, View Resolver. Designed the user interface of the application using **HTML5, CSS3, SASS, JSP, JSTL, JavaScript, JQuery, Angular2, React JS, Node JS, and AJAX.**
* Extensive use of **Angular2** for developing the **SPAs (Single Page Applications)** for internal application/tool.
* Developed a part of presentation layer using **JavaScript**, **Angular2** and **Node JS**.
* Integrate Bootstrap in existing web applications. Enhanced user experience by designing new web features using **MVC Framework** like **Node JS**.
* Developed the front-end and screens using**Cold Fusion**and implementing Cold fusion projects with**Fuse box.**
* Developed an application using **Cold Fusion, HTML, CSS** and **JavaScript.**
* Worked extensively on **Express JS** to consume **Restful** services
* Responsible for executing unit test cases and end -to- end using front- end test framework **Jasmine** with the **Karma** test runner.
* Developed Header and Footer of web app as a UI component in **ReactJS.**
* Develop various screens for the front end using **React JS** and used various predefined components from NPM (Node Package Manager).
* Worked with JavaScript Task Runner Tools like Grunt, Gulp and Jenkins was used for Continuous Integration
* Implemented **Angular2** and **Node.JS** with **Spring MVC** as model component. Implemented **Node JS, JSF** for developing the server side of the application.
* Built React Native application utilizing Redux for enhanced maintainability.
* Used **Datastax Solr** for implementing wild card search in Cassandra. Configured use cases and created search indexes and complex queries. Used free marker template engine, **Ajax** and **jQuery** to build interactive and attractive user interfaces.
* Involved in writing application Context **XML** file that contains declarations and other dependent objects declaration.
* Used Struts validate plug-in for enterprise level validations and developed core for obtaining bean references in Spring IOC framework and implemented **Dependency Injection (DI/IOC).**
* Middle Tier- Primarily focused on Business Logic using **EJB** components, such **as JavaBeans, Business Delegate, MDBs, JMS, and DAO’s**and **hibernate**. Used Stateless Session Beans (EJB) and implemented the business logic.
* Used Web Services - **WSDL** and **SOAP** and apache-CXF to communicate between the systems.
* Implemented **Object Relational Mapping (ORM)** for mapping between the java classes and database tables using **Hibernate**.
* Application developed using **MongoDB** (NoSQL Database), **spring, spring Boot, Rest Web Services, JavaFX** and Java 8 to track Transaction and User Account details.
* Created test framework on **Selenium** and executed Web testing in Chrome, IE and Mozilla through Web driver.
* Used Container-Managed Persistence and Bean Managed Persistence to make queries against entities stored in a relational database.
* Involved in writing complex **SQL** queries using **JDBC** and stored procedures in Oracle. Used My-Eclipse IDE as development environment, Designed, Developed and Deployed **EJB** Components (EAR) on Web-Logic. Create Service **XML** documents for request, response messages for data transfer using IBM MQ Series.
* Consumed Web services to use implementation which is present in different platform.
* Database was Oracle used within Oracle **SQL** Developer.
* Monitored the error logs using **Log4j** and dealt with defect logging and tracking through **JIRA.**
* Build the application using **Apache ANT**. Developed test cases using Junit and tested the application.Used **Log4j** for logging purposes.
* Used **XML** and **XSLT** for formatting and displaying reports. Involved in unit Integration, bug fixing, Design Reviews, and Code Walk through Client interaction and team support. Used Subversion (SVN) for software configuration management and version control.

**Environment:** JDK, Webservices(AXIS, SOAP), SOA, SSO, Rational Rose, UML, JSP, Spring, EJB, MDB, JMS, Entity Beans, SOAP, WSDL, HTML, CSS, SASS, Angular 2, React JS, Node JS, Express JS, JavaScript,Spring Boot, Hibernate,cold fusion, Git, Jasmine, Karma, Grunt, Restful API,Oracle, Oracle 11g, JUNIT, Ant, Maven, JBOSS EAP, JSON, Log4J, Subversion, Eclipse IDE, SeleniumIDE.

**CLIENT :Securian Financials, St. Paul's, MN**

**POSITION :SR. JAVA DEVELOPER JUL 2013-DEC 2015**

**Responsibilities:**

* Developed application **on spring framework** by utilizing its features like Spring Dependency injection, Spring Security, Spring Web flow with Spring **MVC.** Used spring's dependency injection for injecting entity manager and managed beans into spring beans.
* Working extensively with **Hibernate Query Language (HQL)** to store and retrieve the data from oracle database.
* Used **Service oriented architecture(SOA)** by developing and consuming **Restful** web services based on JAX-RS and Jersey. Coded **JSP**s and used JavaScript for client-side validations and to achieve other client-side event handling.
* Extensive work experience through all phases of **Software Development Life Cycle(SDLC)** starting with project initiation, requirement gathering, requirement analysis, functional design, detail design, development and implementation of multi-tier enterprise, web based and distributed applications.
* Worked with **Express JS** to call Restful API services and middleware configurations.
* Implemented **Jasmine** framework and **karma** server to write and test the unit test cases for code.
* Developed various severe-side components using **J2EE.**
* Developed different user screens using **JavaScript**, **CSS, SASS** and **HTML**.
* Developed CFC **Cold fusion** componentsand customs tags for the reusability of the code.
* Designed new classes and functionalities using various **ReactJS** components for CRM application for customer service
* Designed, developed Use case diagrams, Object diagrams, Class diagrams, Sequence diagrams using **UML.**
* Involved in writing application level code to interact with APIs, Web Services using **AJAX, JSON, XML, Angular JS, React JS, Node JS and JQuery**. Used Spring Security framework for login authentication, password hashing.
* Designed dynamic and browser compatible pages using **HTML5,CSS, Bootstrap, JavaScript** and **React JS, Angular JS.**
* Converted existing Angular 1.4 application to latest technology stack **– React JS, Redux using JSX and ES6.**
* Implemented **React JS** code to handle cross browser compatibility issues in Mozilla, IE 7,8,9, safari.
* Experienced in working with **AngularJS** for Client-side scripting and synchronizing the applications.
* Worked on **Java Message Service (JMS)** API for developing message-oriented middleware (MOM) layer for handling various asynchronous requests. Worked with topic for creating publish/subscribe-messaging model.
* Designed and developed web-based software using **Spring MVC Framework and Spring Core.**
* Worked on **Hibernate ORM.** Created **Hibernate XML** files and Java class files to map **the object relation mappings.**
* Used **Junit** for unit testing.**Written and executed SQL queries and Stored procedures for Oracle and DB2**. Used **SQL developer.**
* Created programs in **Cold Fusion**and **JavaScript**to run various tasks such as user validation, parsing, functioning of site and conversion of XML getting user data for mining purposes.
* Created and accessed Database's using SQL Queries with Oracle, Cassandra, DB2 and No-SQL with **MongoDB**, Postgres databases. Used **Hibernate Query Language (HQL)** and Custom Queries to querying data from Oracle Data Base in **DAO**.
* Implemented all the **CRUD** operations using **JPA** query language.Used **JMS** to send and receive alert texts from customers.
* Created shell scripts and updated the scripts as per the requirement. Use **RestTemplate** to access RESTful URI.
* **JTA** and **JTS** were used to allow for global transaction. While JMS was used to provide reliable and asynchronous messaging service.
* Focused on Test Driven Development(TDD) by creating detailed Junit tests for each functionality before implementing each of them. Created and consumed **RESTful** web services using **JAX-RS**
* Developed Junit test cases to validate the **REST** services.Extensively involved in the integration of the Front-End web interface with the **Spring MVC, AngularJS, JSP, HTML, CSS and jQuery**.
* Multi-Threading and Caching were used to improve user experience.Built web-based maintenance application to maintain complex specification documents.
* Used **Spring MVC** as the Web Services framework to implement the **REST APIs** involved. Made Single page module with use of **AngularJS** framework.
* Good experience in using tools such as **TOAD and SQL Developer** for database development and interaction.
* Created **PL/SQL procedures, functions** and written complex **SQL queries.**Involved in the development of presentation layer and GUI framework using **CSS3 and HTML.**
* Developed **XML web services** for retrieving loan information from the bank.
* Used **Maven** and **ANT** to build, run and create **JARs and WAR** files among other uses.

**Environment:**Java, Spring, J2EE, HTML, Hibernate, JSP, AngularJS, NodeJS, JSTL, AJAX, JQuery, Cold Fusion, Oracle, Web Logic, Eclipse, ANT, Unix Shell Scripting, Apache Tomcat, Jasmine, Karma, SVN, Free Marker, SOA, J2EE, Oracle, NoSQL, XML, JAXB, XSLT, Log 4j, JUnit, SOAP, WSDL, JAX-RS, JAX-WS, and Web Services.

## clienT : MAYO CLINIC, ROCHESTER, MN

**POSIOTION : JAVA DEVELOPER NOV 2012-JUN 2013**

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle(SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Developed a prototype of the application and demonstrated to business users to verify the application functionality.
* Developed and implemented the **MVC** Architectural Pattern **using Struts Framework including JSP, Servlets, Form Bean and Action classes.**
* Developed **GUI using java swings** for control module, developed java code for **swing UI** down through calling of stored procedures.
* Implemented server-side tasks using **Servlets and XML.**Designed Frontend with in object-oriented JavaScript Framework like **Angular JSand Ext.JS**.**Wrote Node.js API** to manage **MongoDB** data back-end for developed application.
* Implemented Restful web service using JAX-RS and Jersey. Designed and developed views using **Angular JS models, controllers, services and filters.**
* Developed page templates using **Struts Tiles framework**, Implemented Struts Validation Framework for Server-side validation.
* Developed **JSP**’s with Custom Tag Libraries for control of the business processes in the middle-tier and was involved in their integration.
* Implemented Struts Validation Framework for Server-side validation.**Hibernate OR Mapping** Framework is used in implementation of persistence layer with support from **Spring Framework DAO, ORM Modules**.
* Used Hibernate Template of Spring Framework and Hibernate Interceptors.Development and Deployment using Web Sphere.
* Developed **Oracle stored Procedures**, **Triggers and Functions with PL/SQL**. Unit testing before check in the code for the QA builds.
* Coding new **JSP**s, modifying existing JSPs as per the design and used **XML** for configuration and dep2loyment.
* Used **JUnit** for testing the application and involved in writing test cases for unit and subsystem tests.
* Developed process flow diagrams.Produced deliverables according to the project plans and was able to predict weekly estimate the complete the remaining work.
* Conducted Requirement gathering, review meetings and got the approvals for the requirement documents produced.

Environment: J2EE (Servlets, JSP, Struts, Hibernate), Core Java, Swings, Web Services, SOA, JBoss Drools Rule Engine, MonogoDB, Multi-Threading, JSP, RSA Security, Servlets, Spring Hibernate, REST, Custom tags, Java Beans, XML, HTML, CSS, JavaScript, Angular JS, JSF, AJAX, SOAP, UML, Apache JMeter, Selenium, Maven, Web Sphere, Oracle, CVS, TOMCAT.

## CLIENT : TCS, Hyderabd, India

## POSITION : JR.JAVA Developer/QA Tester jul 2011-Nov 2012

**Responsibilities:**

* Understanding business objectives and implementation of business logic. Involved in various phases like design and development of Software development life cycle (SDLC).
* Used Rational Rose for the use case Diagrams, class diagrams, and sequence diagrams to represent the detailed design phase.
* Developed the application using agile methodology and planned the Scrum meetings. Server- Side implemented on J2EE, Eclipse platform.
* Designed and developed the UI using Swing, JSP, HTML5, CSS, JavaScript (JQuery), and Flex builder.
* Designed and developed application based on Struts framework using MVC design patterns.
* Created Angular JS controllers, services and used Angular JS filters for filter functionality in search box and integrator functionalities. Developed dynamic UI using Angular JS.
* Used Tiles Plug-in to struts for server-side validation. Developed complete business tier with stateless, state full session beans and CMP entity beans with EJB standards.
* Designed the CMP fields and CMR fields in CMP entity beans. Wrote EJB-Queries in ejb-jar.xml. File
* Used hibernate to store the persistence data into the DB2 database and written HQL to access the data from the database.
* Used JMS for communication with different platform. Applied the session façade, Data Access Object, Data Transfer Object, Business Delegate design patterns.
* Developed and maintained user authentication and authorization by employing EJB and connecting LDAP server.
* Provided database interface using JDBC drivers with back-end as DB2. Used Statement, Prepared Statement and Callable Statement classes for implementing the database interface.
* Involved on testing the new functionalities based on test cases and coordinated with development team in fixing the issues.
* Ensure that all the test cases are updated in the Test Director along with Master test plan.
* After successful release of projects, developed automation scripts using QTP and integrated the script with master script.
* Involved as part of automation team using QTP, developed test scripts.
* Tested critical bug fixes including critical fixes and coordinated with developers in release of bug fixes meeting tight timeline
* Validated data using Abstract Factory Pattern. Using Teradata as a database source. Used IBM DB2 with the functionalities of the database administrator as the backend database.
* Developed automated build files, reporting and documentation using Maven. Monitored the error logs using Log4J and fixed the problems.
* Involved in Release support - Release to QA, involved in environment setup, testing the release process.
* Involved in Backend Database testing in Oracle using SQL
* Maintain the source code versions in CVS repository. Used JUnit Testing Framework for performing unit testing.

**Environment:** Java, OO java, JSP, Core Java - Multithreading, Struts, Servlets, Swing, HTML, CSS, Hibernate, JSP, JMS, JBoss, EJB, Eclipse, JDBC, XML, XSLT, LDAP server, DB2, Flex builder JavaScript, UML, Rational Rose, CVS, Log4j, Unix, JQuery, Maven, J- Unit, TestNG, N Unit Test, Spring, AngularJS, Node.js, web sphere portal, MySQL, Spring Batch, Spring Integration, Windows, Web Socket, Subversion, Web services, Restful, Oracle, SQL, DB2, QTP 8.2, Test Director 8.2, Oracle9i, SQL, J2EE, XML, JSP, Windows XP, UNIX and Visual Source Safe.

**Client : Infosys, Bangalore, India apr 2010 – Jun 2011**

**Position : Software Test Engineer**

**`Responsibilities:**

* Project is developed using agile methodology.
* Involved in design and implementation of Selenium WebDriver automation framework for smoke and regression test suites (JUnit, Maven).
* Performed Sanity check creation to verify functionality before new code goes live.
* Executed **Test Cases** and Gathered Test Execution results.
* Tested the Functionality of the application through **manual Testing**.
* Developed **Test Scenarios** and **Test Procedures** based on the test requirements.
* Created **Test Cases manually** for Functional testing based on the Functional areas and Use Case documents.
* Created, maintained and updated **test strategy, test conditions, test cases**and **regression** **testing** based on business requirement.
* Prepared **automated scripts** for Maintenance and **Regression**testing.
* Technical environment applies the latest software development principles with TDD, CI, Agile Software Development, JUnit and JIRA.
* Performed **Front End** and **Functionality Testing** using **QTP**
* Test automation for web applications using Cucumber.
* Conducted **Web Service** Testing using **SOAP UI** as a part of backend testing
* Expert in using Bug Tracking tools like JIRA and Rally.
* Responsible for weekly release back-log in Rally to assure the User Story requirements were aligned with the latest requirement information and recommended priority rankings to Product Owner.
* Ensured the quality of code by creating unit tests TDD and performing regular code reviews
* Writing and executing BDD Automation scripts
* Used BDD style integration tests using JBehave
* Creating Test strategies, Test plan and BDD stories.
* Used open source environment in Linux and UNIX Platform Web application testing
* Used Load Runner for Performance Testing of various applications.
* Done SOA testing for Payments API's using **SOAP UI** and Java framework for web services testing.
* Worked on end-to-end API Automation testing using **SOA** test and **Soap UI.**
* Developed Rich UI components using **DOJO, JSON, and DOM**.
* Serve as a technical advisor and the primary implementer for new capabilities in JIRA.
* Create team specific Agile process flow in JIRA to move tasks from one activity to another.
* Conducted daily meetings with the developers and build Team.

**Environment:** Quality Center, Cucumber, Protractor, jbehave, JIRA, Appium, Load Runner, TDD, BDD, JSON, QTP 10, C#, ASP.NET, Soap UI, Rest API, Selenium, Rally, PL/SQL, Oracle, MS Office, HTML, Windows XP/Vista, Linux, Unix, Internet Explorer 10.0.