**Manihas Reddu**

**Email: manihasc@gmail.com**

**Ph no: (516)-415-0708**

**Professional Summary:**

* Over 7+ years of experience in Software Development Life-Cycle (SDLC) phases of design, development, implementation, deployment, testing, and maintenance as per quality standards using Agile, Scrum and waterfall methodologies.
* Good Experience in Application Software Development and Design, Object Oriented, Technical Documentation, Software Testing, and Debugging.
* Excellent implementation knowledge of JDK 1.6/1.7 and 1.8, Spring, Spring Boot, Hibernate, Restful Web Services, AOP, Struts, JDBC.
* Consumed and Exposed both REST and SOAP-based web services very good experience with SOA model.
* Experience in RDBMS using MySQL, Oracle, SQL Server, PostgreSQL.
* Involved in configuring, deploying applications on IBM Web Sphere Application Server, BEA Web Logic Application Server, Apache Tomcat on UNIX, Linux and Windows platforms.
* Extensive experience in Design, Development, and implementation of Model-View-Controller (MVC) using Spring and Spring Boot.
* Good experience in Database Design, writing stored procedure, functions, triggers, SQL queries.
* Highly involved in development/implementation of Cassandra environment.
* Developed the code for front-end using EXTJS, AngularJS, JQuery, JavaScript, AJAX, HTML, CSS, and JSON.
* Good knowledge on TCP/IP tunneling and port management on cloud environments, installation of servers on cloud unix.
* Good experience in production support and client interaction.
* Experience in creating build scripts using Ant and Maven also have experience in Jenkins.
* Strong TDD (test driven development) and continuous integration experience using Selenium, JUnit, Mock Framework. Worked on the Cucumber framework
* Strong experience in developing the Restful applications on top of Spring Framework.
* Experience leading offshore team remotely and updating status to client accordingly
* Have good experience working with Cloud-based servers and also AWS- Amazon web services.
* Worked Extensively on ETL process using SSIS package.
* Experienced in remodeling and improving the performance of the applications.
* Knowledge on Spring integration and batch file and hand on experience with Oracle SOA.
* Proficient in using XML Suite of Technologies like XML, XSL, XSLT, DTD, XML Schema, SAX and DOM Parsers.
* Have a deep understanding of both Relational Database and also experience in a non-relational database like MongoDB.
* Extensive experience in SQL, Stored Procedures, Functions and Triggers with databases such as Oracle, IBM DB2 and MS SQL Server.
* Experienced in using WSDL, SOAP, and Apache AXIS for Web Services.
* Expertise in client side designing and validations using HTML, DHTML, CSS, Java Script, AJAX, JSP, XML, JSF and Swing.
* Extensively experienced in implementing single page applications using angular.JS directives, routing modules.
* Created custom directives, decorators, and services using AngularJS to interface with both Restful and legacy network services also DOM applications.
* Expertise in advanced f libraries and frameworks such as JQuery, AngularJS, Angular 2, Backbone.js, Prototype, Dojo, Node.js, Ember.js, Knockout.js, Ext.js, and Underscore.js.
* Good Experience in developing test cases with JUnit and logging with Log4j.
* Extensive experience utilizing JAXB, JAXP and JMS.
* Hands-on exposure to multiple Application Servers like BEA web logic Application Server, Apache Tomcat, WebSphere and JBoss.
* Experience in writing the scripting language Groovy which can run on the Java virtual machine.
* Experience in shell scripting and Python in Unix/Linux environment.
* Extensive development experience on different IDE's like Eclipse, JBOSS, RAD and NetBeans for debugging and using java coding standards.
* Good debugging skills that deep diving into technical issues, collaborating with cross-domain experts, handling clients with different priorities and mindsets, both onsite and remote.
* Experience in using CVS, Rational Clear Case, SVN and Git for version control.
* Knowledge in developing System Design using UML methodology and preparation of class and sequence diagrams.
* Communicate effectively with people at different levels including stakeholders, internal teams and the senior management.
* Expertise in unit testing with Junit, Mockito, integration testing and automation with Selenium and CUCUMBER and experienced with Splunk tool for production support.
* Experience working in an Agile/Scrum team environment and pair programming.
* Strengths include good team player, self-motivated, quick learner, open to working with new technologies in a dynamic, fast-paced and deadline drove environment, excellent interpersonal, analytical and communication skills

**Technical Skills:**

**Programming Languages :** Java/J2EE, Java 8, JavaScript, SQL, PL/SQL, C, C++.

**Technologies &web Services :** JSP2.3, JSF2.2, JDBC4.0, Servlets, JSP, EJB, JDBC4.0, JPA, JMS,

Hibernate (ORM) ESB Web Services (REST, SOAP) WSDL,

UDDI, SOA, JAX-RS, AXIS.

**Web Technologies :** HTML5, CSS3, Java Script, AJAX, XML , XHTML, DHTML,

JSON, React JS, Node JS, Dom, Angular 2

**Frameworks :** Struts2, CSS, Frameworks, GWT, spring4(Dependency

Injection, Spring MVC, Spring Access, Spring Context, Spring

AOP, Spring DAO, Spring IOC, Spring JDBC, Spring with

Hibernate), Hibernate4.0, Microservices, Angular.JS, Node.js,

Bootstrap, JSF2.2. JUnit, Log4J

**Databases :** Oracle, DB2, PL/SQL, My SQL, SQL Server, MySQL 5.x, MS

Access, MongoDB, NoSQL, Microsoft SQL server,

DB2, Mongo DB, Cassandra.

**Operating Systems :** Windows XP/VISTA, UNIX/LINUX, MAC.

**Apache Tools :** Log4j, Maven and ANT

**Integrated Development Tools:** Eclipse, Net Beans, Red Hat Developer, TDD, IntelliJ,

Rational Application Developer

**Application Servers :** Web Logic, IBM Web sphere, Apache Tomcat 8, JBoss5.X,

Glassfish, Jetty.

**Application Tools :** Jenkins, JIRA

**Testing Tools :** JUnit4.9, Selenium, Firebug, Mockito, Jasmine, Protractor.

**Version Control :** CVS, SVN, Rational clear case, GIT, Git hub

**SDLC Methodologies :** Agile, Waterfall and Scrum models, RAD

**Professional Experience:**

**Client: Nationwide, Columbus, OH Apr 2018 - Present**

**Role: Full Stack Developer**

**Responsibilities:**

* Used Spring MVC framework on the server side for creating RESTFul web services by giving JSON output to UI and modifying the DOM object on UI, by making HTTP calls and used GET and PUT.
* Worked on Spring Security feature by securing the application by security interceptors and also worked with external entitlement services to authenticate the user to access the data.
* Understanding user stories to design and propose a solution to the problems in Microservices architecture.
* Development of Spring Microservices and Converting user stories into backend logic in-service classes.
* Worked with the RedHatjBPM engine in embedded mode by creating multiple BPMN workflows and handled user tasks
* Worked on deployments with CI/CD with Jenkins and UDeploy to build to higher environments
* Applied AOP logic to all the Process instances and user tasks.
* Developed email notifications batch job service using CRON scheduler by interacting with the SMTP server to run nightly batches.
* Implemented functionality using Servlets, JSP, HTML and Struts Framework., Hibernate, spring, Java Scripts and Cucumber.
* Developed multiple Controllers, Services & DAO layers to interact with the data layer and developed Entity classes based on the table structure.
* Involved in core integration to pick the file from FTP location and bring them into our staging tables and did all the validation on the java side.
* Created multiple mid-tier services to interact with multiple validations and worked on entitlements services to do user validations Interaction and also worked on applying security systems.
* Extensive experience and proficiency on the design, construction and implementation of Business Intelligence tools (Star Schema, Data-Warehouses, OLAP cubes, Partitioning and Aggregations), ETL Process (Data Extraction, Transformation layer) with DTS/SSIS
* Wrote automated tests (TDD & BDD) with RSpec and Cucumber.
* Worked with Oracle database and used Hibernate (ORM). Created POJO/Data
* Objects in mid-tier service. Hands on experience on implementing lazy loading, first and second level of caching.
* Worked on Jasper reports using i Report tool and integrated that JRXML into spring framework.
* Wrote SQL commands and Stored Procedures to retrieve data from Oracle database. Worked to plug this procedure in Java classes.
* Developed the application using Singleton, Business Delegate and Data Transfer Object design patterns in the project.
* Good knowledge in performance troubleshooting and tuning **Cassandra** clusters and understanding of Cassandra Data Modeling based on applications.
* Developed Cucumber test cases using Feature, Scenario and Steps format.
* We are using crucible while we commit code into SVN for reviewing the code.
* Written JUnit test cases during the development phase and used assert functions to compare two objects.
* Used JIRA for bug and issue tracking.
* Worked on one of the UI based application and client focus more on the look and feel of the UI. We use lots of customs components to design the UI. Chase standards and HTML, CSS, JavaScript, AJAX, ExtJS and Angular JS is being used intensively.
* Good experience in documentation of designs and flow charts. Also worked on designing DATA Models and maintain the existing documents in share-point.

**Environment:** Java (JDK1.7 & 1.8), SOAP and RESTFul web services, Hibernate, Eclipse, Oracle 10g, Tomcat 7 and 8, HTML, CSS, Sencha, JavaScript, Ajax, Log4j, Jenkins, SVN, Maven and ANT, iReport, Crucible, Cassandra, Cucumber, Spring MVC, Micro Services, Unix, XML, TDD, SQL Developer, Toad, Cloud-Servers.

**Client: Lazard Capital Market, NY Jan 2017 – Mar 2018**

**Role: Sr. Java Developer**

**Responsibilities:**

* Analyzing the business and functional requirements provided by the client.
* Worked on integration methodology and strategy including interface, data flow, and process flow.
* Done Administration, installing, upgrading and managing distributions of Cassandra.
* Used Hibernate for Object Relational Mapping (ORM) purposes for transparent persistence onto the Oracle 10g database using Hibernate Query language (HQL).
* Developed server side REST-style web services and called them from backbone collections.
* Developed a single page, mobile-first, a cross-device/cross-browser web application for real-time location sharing utilizing Angular.JS, JavaScript API.
* Build prototype for various required services such as Scheduling, Logging and Notification Service using third party Node JSbased JavaScript library.
* Ability to use a wide variety of testing tools including Quality Center (QC), Postman, DevCenter (for Cassandra - CQL).
* Worked on JSP, JSTL, JSF, Java Scripts, Maven, Cucumber, Web Sphere, JMS, HTML and AJAX for developing client side programming.
* Responsible for setting up Angular.JS framework for UI development. Developed HTML views with HTML, CSS, bootstrap, and Angular.JS.
* Developed presentation layer includes UI components, validations using HTML, applying styles using CSS, used JQuery to make Ajax calls.
* Bootstrap used along with AngularJS in creating the Application.
* The used Angular.js framework in developing various UI components.
* Implemented code according to coding standards and Created Angular.JS Controller, which Isolate scopes perform operations.
* Developed custom directives, Factories, and Services in Angular.JS.
* Worked on responsive design in making the application compatible with desktop, tablet, mobile and developed tabbed pages.
* Using Angular.JS created Responsive Web Design (RWD) and did data manipulations to display data in company standard format in UI.
* Preparing test cases using Selenium Web driver to validate all UI components, Popups, Browser navigations, Mouse movements.
* Participated in R&D and actively participated in creating the POC for Geb automation testing using Groovy and Cucumber framework.
* Used Declarative Transaction management system of Spring Framework and integrated it with JDBC and Hibernate transaction managers to customize transactional behavior
* Maintaining existing scripts and writing new scripts to automate the existing environment using Maven
* Designed front-end based on Bootstrap templates and embedded forms verification with JavaScript together with Regular Expression.
* Worked on the unit and integration testing of the application.
* Used JavaScript to develop the front-end of the application.
* Created SQL queries, used functions, procedures, and triggers.
* Wrote Web Services SOA, (SOAP, WSDL) for address validations. Implemented advanced java API and core java for coding sophisticated business logic.
* Developed test suite framework and regression tests for rules and alerts engine, recovery engine, object manipulation functionality, import/export engine and user-defined function handling using JUnit.
* Performed Unit Testing using Junit, Mockito and Cucumber for all the migrated modules to ensure complete code coverage.
* Maintaining separate build in Maven for the module for easy integration to the portal build and configure with Jenkins.
* Improved database performance by recognizing and rewriting slow queries.

**Environment:** Struts, JSP, Angular JS, JSF, Spring MVC, Core, AOP, Hibernate, EJB, Java 7/8, Spring Batch, Jboss 6.1 EAP, JDK 1.7.1, Unix, DevCenter, Cassandra, Oracle 11g, SQL builder, Eclipse Luna, SQL developer, Jenkins, Ivy, GIT, GWT, SVN, RCP, web services, Jira, Unix, Winscp, Restful Webservices, Junit Testing, Maven, SVN, Cucumber, Jenkins, Junit, HP ALM/Quality Center, Clear Quest, Iterative/Waterfall, Windows, MS Office, Soap UI.

**Client: Georgia Power, Atlanta, GA Apr 2015 – Dec 2016**

**Role: Java Developer**

**Responsibilities:**

* Working on application architecture and re-design of different parts of the application.
* Developed database persistence layer components for mapping an object-oriented domain model to the relational database using ORM framework such as Spring JDBC Support, Hibernate and JPA.
* Worked in Agile mode and interacted closely with the product owner and business team.
* Setup a new clear case project and ANT scripts and owned the deploy process.
* Built Single page application (SPA) using AngularJS as per the requirement.
* Optimize the cost of application development and maintenance by using economies of scale under a SLA governed process.
* Worked with Apache Lucene and SOLR for searching the person and business details.
* Using Spring Boot which is radically faster in building MicroServices and develop Spring based application with very less configuration.
* Written Stored Procedures, functions, SQL queries and backend programming using Oracle, SQL.
* Developed presentation tier web components using JSF framework and deployed the application in web server.
* Expertise in application development using JSP, Servlets, JDBC, JNDI, spring, Hibernate, Ibatis, Mybatis, JSF, EJB, XML, Web Services- SOAP, WSDL.
* Implemented MVC architecture using JSF framework using JSPs as GUI development and DB Modeling using NOSQL and Oracle 10g.
* Deployed and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using puppet.
* Performed client-side validations using JavaScript and Struts validation framework.
* Worked and supported ecommerce business models such as on B2C, B2B, and B2B2C.
* Interacted with the business users to gather requirements and provided high-level design with Sequential and State-chart diagrams.
* Manage configuration of Web App and Deploy to AWS cloud server through Chef.
* Built workflow-based applications using JBPM workflow engine and designed workflow in JBPM editor, use provided API’S in JBPM engine to run business functions.
* Developed business processes/work flow and rules using JBoss BPM/Rules
* Implemented various J2EE design patterns like DAO pattern, Business Delegate, Value Object.
* Developed Business components and Services using EJB3.0, JPA and JAX-WS and deployed them in Business tier application server.
* Developed various Land registry office user interfaces, Model Beans and DAO using JSF Framework.
* Have written Unit Test Cases and Integration Test Cases using Junit framework.

**Environment:** Core Java, J2EE JSP, Servlets, JDBC, Collections, Generics, JUnit, Solr, Lucene, Struts, Spring, AWS, JBPM, Hibernate, Microservices, Eclipse, WebLogic Application Server 5.0, UML, SQL, NOSQL, Oracle 10g, Agile, Maven, SVN, Clear Quest.

**Client: Concur Technologies, Bangalore, India Jan 2013 – Dec 2014**

**Role: Web Developer**

**Responsibilities:**

* Worked on AGILE based development Environment and used SOAP based Web Services from scratch to develop interfaces to integrate between front end system and back end systems.
* Designed and Developed dashboard menu section, Home page, Admin home page, user module (Modify/ search users, create user's screens with assigning various roles) using Spring MVC framework, Hibernate ORM Module, Spring Core Module, XML, JSP, JQuery and XSLT.
* Research and Execution of JavaScript Frameworks, including Angular JS and Node JS.
* Configured and implemented Spring AOP for transaction management, logging and performance tracking and Used Maven to build and deploy the application.
* Involved in creation of Soap Web Services, WSDL and web methods with Annotation in hibernate, implemented Web Services in JAXP based on SOAP protocols using XML and XSLT.
* Hibernate outline work is utilized as a part of perseverance layer for mapping an article situated area model to a social database.
* Used Spring DI, Spring DAP and JDBC Template in the persistence layer for GPS, backend being Oracle10g.
* Responsible for creating tables in development schema and wrote oracle packages, procedures and functions in Oracle 10g.
* Used Web/application servers such as Tomcat and JBoss.
* Created test cases for DAO Layer and service layer using JUnit and bug tracking using JIRA.

**Environment**: Java 1.6, HTML 5, XML, Maven, Hibernate, Spring AOP, JSP, Spring MVC, Junit, JIRA 4.0, JavaScript, JQuery, Angular JS, Node JS, AJAX, JBoss, SOAP, JAX-WS, WSDL, Oracle 10g.  
Additional Information.

**Client: Bank of Baroda - Hyderabad, India Feb 2011 – Oct 2012**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in requirement analysis and documentation of workflows & functional diagrams.
* Designed J2EE framework, which generates different screens, based on access level using session beans, JSP & XML. Developed HTML forms & client-side validation using JavaScript.
* Wrote classes to parse XML to display data on UI.
* Implemented Session Tracking and User Authentications.
* Involved in designing and implementation of complete admin module using HTML, XML, JSP, Multithreading, servlets and Java Beans classes.
* Developed an environment where a JSP file is requested which in turn uses a Java bean that generates and sends a form associated to XML Schema.
* Experience working with MySQL server, stored procedure, design pattern, etc.
* Created multiple web-based forms using Tiles, Servlets, JSP, JSTL, and JavaScript menus.
* Implemented JSP custom tags, developed Struts Actions, Action Form, and Value Objects for presentation tier.
* Similarly, JavaScript applications were also developed to support validation and interaction for presentation layer.
* Implemented the nested tag concepts of the Struts tag libraries.
* Implemented Web Services to propagate business logics to different clients through SOAP protocol.
* Wrote Test scripts using JUnit.
* Used web services for data exchange using SOAP and WSDL.
* Hibernate was used for object/relational persistence and query service.
* Log4j was used of logging and debugging purposes.
* Interfaced with the client team and development team during acceptance testing and dry runs on the production systems.
* Developed Action Classes and Java Beans using Spring MVC architecture.
* Developed Service Classes for business logic and DAO's for Data Base.

**Environment**: Java/J2EE, Struts, JSP, Web logic, Oracle, SOAP, Multithreading, Web services, Hibernate, MySQL, Design Pattern, Shell script, Log4j, JUnit, Unix.