**RAVITEJA GUNTUPALLI**

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**PROFFESIONAL SUMMARY:**

* Software Developer with strong experience of 9+ Years in designing, developing, and maintaining the web based and the business applications using Java, J2EE, WebLogic Portal, WebSphere, Oracle Technologies and proficient in all aspects of system architecture, including designing and implementing large, scalable, distributed systems.
* Expert knowledge of OO concepts, design of real time applications using Java, Rogue Wave library & UML tools like Rational Rose, TogetherJ. Build Tools - Ant, and Maven. Continuous Integration - CruiseControl, Jenkins, TeamCity. UDeploy. Source control - Subversion, CVS, perforce.
* Good experience in Integrating Salesforce with other internal or external applications using SOAP and REST based web services.
* RIA applications using Flex, HTML5, CSS, Ajax, Dojo and NodeJS.
* Expertise in open-source frameworks like Struts 2.0, Spring 2.5 (IOC, JDBC, AOP, and LDAP), Webservices, Hibernate 3.0, JAXB, AXIS-2, Java Authorization and Authentication System, JUNIT etc.
* Experienced in working on Amazon Web Services like EC2 instances, EMR clusters, Lambda Functions, AWS Glue, Cloud Formation Templates.
* Experience on implementation of version control software GIT repositories.
* Experienced in Object-Oriented analysis and design, with J2EEdesign patterns including Singleton, Factory, Prototype, Session Facade, Data Access Object, DAO, Service Locator, Data Transfer Object, Business Delegate.
* Good knowledge on working with Relational database ORM frameworks like PostgreSQL, MySQL, DB2, Oracle 13c/11g, Ibatis & NoSQL DB (Mongo DB and Cassandra, Couch DB, Redis, Dynamo DB).
* In depth experience with PL/SQL, T-SQL DB development, design Patterns, Agile - Scrum, XP, TDD.
* Experience in writing test-cases in Java environment using JUnit.
* Experienced in MVC Architecture using Struts & Spring Frameworks like JMS, JNDI and Hibernate.
* Expert in configuring Amazon Web Server (AWS) instances and migrating application to  AWS and manage applications on cloud.
* Good Experience in XML & XML parsers, SOAP-based web services, RESTful Web Services, UML.
* Expertise in Object Oriented Methodologies (OOAD), Aspect Oriented Programming (AOP), SOA, Java2 (JDK1.7), J2EE Design Patterns, Data Modelling and UML based system design.
* Good Knowledge of UML and Together Soft/ Visio tools.
* Good working experience on spark(spark streaming, spark SQL), Scala and Kafka.
* Experienced in creating the EC2, Lambda Functions in Amazon Web Services using the Java programming languages and using python programming.
* Experienced in creating Glue Catalog in Amazon Glue using the glue crawler and able to create the schema using the crawler. Also experienced in editing the schema according to the format required for the ETL jobs.
* Extensive experience of Object-Oriented JavaScript design pattern and JavaScript MVC Patterns Preferably Angular JS and React JS.
* Expertise in MVC Architecture using Jakarta Struts 1.3/2.0with features like the Validation Framework, Tiles Framework, and Internationalization.
* Experience with IBM WebSphere, JBOSS and Apache Tomcat Application Server.
* Strong experience with Application Servers - WebLogic, WebSphere, JBoss, Apache Tomcat, Java Web Server, CMS - Joomla, Drupal and FileNet. Workflow tools - Lombardi, jBPM, WebSphere Integration Server, Database - Oracle, Sybase, SQL Server, DB2. Datastores - Cassandra and Caching.
* Experienced in creating the Elastic Map reduce cluster and able to run scripts using the EMR
* Experienced in creating the ETL jobs in Aws Glue using python programming. Also, able to create the Query on the data frames using the PySpark syntaxes and the functions.
* Experience in creating the AWS cloud formation templates and to automate the Amazon Services like AWS Glue, EMR and Lambda Functions. Also, able to create the spark data frames in the AWS Glue ETL jobs.
* Proficient in writing Selenium Web Driver automation scripts in JAVA using Maven, Cucumber and Test NG Automation Testing for Web Applications.
* Experienced in developing the multi-tier Client-Server and Distributed Object Systems and Object
* Excellent analytical capabilities and good communication skills. Ability to quickly adapt to new environments and learn new technologies.

**TECHNICAL SKILLS:**

**Languages:**Java(J2SE1.8/1.6/1.5, J2EE 6/5), Perl, Python, Ruby, SQL, PL/SQL, UML2.0, Groovy

**Technologies:** JSP2.1/2.0/1.2, Servlets2.x, JavaBeans, JDBC, Struts2.x/1.x, RMI, EJB3.0/2.1, Hibernate3.x/2.x, Spring 3.0, Spring 4, RX Java, Amazon Web Services(EC2, EMR, Glue, Athena, Lambda, Cloud Formation templates) SOA, JMS1.1, SAX and DOM Parsers, AJAX, JAXB2.1/2.0, JAXP1.x, LDAP, Sybase Power Microservices Architecture, Designer, RESTful and SOAP web services

**Web Technologies:** HTML/DHTML, XHTML1.1, JavaScript1.x, XML1.0, XSL, XSLT, CSS, Bootstrap, Angular-JS, Jquery

**Development Tools (IDEs):** Eclipse 3.2/3.0/2.1.1 , MyEclipse6.0/5.1.1, RAD7.0/6.0, WSAD5.x/ 4.x, NetBeans3.3, MS Visual Studio 2005, Brackets and WebStorm

**Web/Application Servers:** Tomcat 7.x/6.x/5.x, WebLogic 10.3/9.2/8.1/7.0 , IBM WebSphere 8.x/7.x/6.x., Marathon, OpenShift.

**Design Patterns:** MVC, Front Controller, Session Façade, Singleton, Business Delegate and DAO patterns

**Data Base:** Oracle 11g/10g/9i/8i, MS SQL Server 2005/2000, MySQL5.1/4.1, DB 2 9.1/8.1/7.2 , Couchbase DB, Mongo DB.

**Platforms:** Windows, UNIX, LINUX

**Methodologies:** Agile Methodology, RUP, Extreme Programming, Pair Programming

**Build Tools:** Rational Rose, CVS, PVCS, Git, SVN, VSS, Clear Case, JIRA, Jenkins, JUnit, TestNG, Selenium.

**PROFESSIONAL EXPERIENCE:**

**Java and AWS Developer, Providence Hospital, Chicago, IL Jul 2022 – TILL DATE**

**Responsibilities:**

* Designed and developed the application using the Agile Methodology by using the issue tracking systems and participated in the daily stand-up meetings.
* Worked on creating the prototype version of the project to test the ability of the software used to send the data to the Sales force marketing cloud.
* Used java programming to create the AWS Lambda jar files and used to connect and extract data from the enterprise database
* Stored the extracted data in the RDS as the staging area and used AWS lambda functions to FTP the data into the SFMC.
* Created formatter wrapper JavaScript API with Moment.js to format date, time, and numbers.
* Responsible for extracting the relational data from the oracle database using the Apache Sqoop commands. It also includes applying filters in extracting the data using the Apache Sqoop syntaxes and creating the AWS EMR cluster.
* By connecting to the Master node of the EMR cluster the data is sqooped into the s3 bucket as the source data for the AWS Glue ETL job
* Be responsible in transforming the data which the required by the Salesforce Marketing Cloud. Using the AWS Glue to transform the data and stage it in the Amazon S3
* Using Crawler to create the database catalog in the AWS Glue which is used to create the database schema.
* Used SQL Serve Import and Export wizard to pull the data from excel files as source file.
* Developed web application with front-end Angular 12 and created interface to manage user menu using JS, Angular JS, and Query.
* As we had the organizational limitation for the lambda function, the FTP is timing out after limit which left us using the AWS GLUE and EC2 Instances.
* As there is lot of data in the enterprise database, we used the Apache Sqoop to extract the data into the s3 bucket as the CSV files.
* Used the Apache Sqoop and Apache Spark big data framework installed on the Elastic Map Reduce Cluster in AWS.
* Be responsible for creating the EMR cluster with Sqoop installed on it and adding the OJDBC driver for connecting to the Oracle Enterprise Database.
* Using Python scripting and Spark logic to create the data frames on which the SQL logic can be applied.
* On Spark data frames the spark query needs to be created which gives the data that needs to be sent to the SFMC using FTP.
* The deliverable of the AWS glue is staged in the s3 bucket, and it needs to trigger the AWS Lambda function which encrypts the file and send to the marketing cloud using File Transfer Protocol.
* Using the Cloud Formation Template, the above process needs to be automated right from creating the EMR cluster and sending the deliverables to the Sales Force Marketing Cloud.
* Created the EC2 instances to encrypt the data extracted into the s3 bucket.
* Created the EC2 instances to compress the data and encrypt using the PGP for sending into the sales force marketing cloud.
* Created Java classes to encrypt and compress the data files in S3 bucket and hosted them in Lambda or EC2 instances.
* Used the Glue transform and Lambda functions to cleansing the data like merging two records and umerging two records to avoid the duplicates in the database.
* Used the cloud formation template to create the EMR and automate the Sqoop and Glue transformations to run the jobs daily.
* Created the ETL jobs of two different formats in AWS Glue. One to extract entire data from the database and other to extract only the incremental data.

**Sr. Full Stack Java Developer, Visa, Memphis, TN Sep 2020 – Jun 2022**

**Responsibilities:**

* Designed and developed the application using Agile Methodology and followed TDD and Scrum.
* Spearheaded a team of 6 to redesign the payroll reports, achieved an efficiency boost of 60% and implemented options to customize the reports according to client requirements.
* Developed the Product Builder UI screens using Angular-JS.
* Developed Angular-JS components such as controllers, Services, filters, models and used Http service for rest service invocation.
* Used Microservices architecture for developing the services at the application side.
* Creating custom use modules and components, which extend the elements and modules of core Angular-JS.
* Build and maintain code repositories and code migrations using CI/CD strategies (GIT, SVN, CSV, Jenkins)
* Developed custom directives (for simultaneous file uploads) and created Angular JS services to consume in controllers.
* Developing Docker file for different end points and validate them through the docker-central to run the Jenkins job with given parameter and deploy job to the Kubernetes.
* Configured routing in the single page application promoting rich user experience.
* Designed and developed the Simulator API for Amazon S3.
* Maintained AWS infrastructure and developed back-end services.
* Experienced in ReactJS lifecycle and how to implement those methods with Redux architecture.
* Used AWS SQS with JMS API for asynchronous communication by keeping messages in the Message queue.
* Developed the backend server with Spring Boot, involving different layers of the application including entity/model, DAO/repository, Controller, Service, Business, and Persistence.
* Developed Angular-JS components such as controllers, Services, filters, models and used Http service for rest service invocation.
* Used Microservices architecture for developing the services at the application side.
* Creating custom use modules and components, which extend the elements and modules of core Angular-JS.
* Involved in implementation of the presentation layer GUI for the application using HTML, xHTML, CSS and JavaScript.
* Used Angular JS framework for building web-apps and is highly efficient with PHP framework.
* Developed front-end code with Ajax calling Angular JS and jquery to retrieve data as JSON Object from controllers in back-end RESTful Server, then display the well-organized result in web pages by writing Angular JS controller, directives, services, and route providers.
* Developed unit testing for angular components using Mocha, Chai, Gulp, Karma, Istanbul and Protractor.
* Created custom angular filters to filter the data based on user selection in bootstrap dropdowns.
* Implemented an express-graphQL library to mount a GraphQL API server on the user-configured HTTP endpoint.
* Implemented angular form validations and used bootstrap to show error, warning, and info messages
* Configured Spring security in the application with LDAP Template and access controls using Spring security annotations based on user roles.
* Created Collections and documents and performed CRUD operations with Mongo repositories.
* Developed ORM mappings using Hibernate and wrote Criteria, Named and HQL queries for data retrievals in the DAO layer.
* Developed and integrated Web Applications and REST APIs for Cash Processing utilizing Java, Tomcat and Maven architecture, and successfully migrated the Pro\*C legacy code to Java RESTful API with a code coverage of 90%.
* Designed and hosted a Payroll File Setup Ul with 11000+ users on AWS cloud using React JS and scaled it across multiple countries.
* Architected and built a payroll file loading system using Pro\*C and PL/SQL to manage simultaneous requests from multiple clients.
* Enhanced, refined, and optimized PL/SQL blocks, stored procedures, triggers, and shell scripts to ensure seamless communication with the database for executing critical tasks, while also designing and modeling database schemas for new tables as per requirements and loading them through stored procedures.
* Involved in designing and development of presentation layer for monthly bill comparison chart using JSP, JSTL, and HTML Integration of Cyber source Payment Gateway using SOAP WS for Auto Payment flow.
* Used groovy scripts for handling responses in the REST endpoints.
* Created Node.js Express server combined with Socket.io to build MVC framework from AngularJS Front End to MongoDB Back End to provide chatting service.
* Used Spring declarative transaction management, spring Batch and scheduling for backend data processing.
* Implemented Normalization rules using regular expressions for minor parties.
* Implemented RESTful web services API using HTTP and REST principles.
* Created features including Single Sign On with existing client website and a REST API to expose manipulation functionality to external clients using AngularJS.
* Implementing the Microservices to base on RESTful API utilizing Spring Boot with Spring MVC.
* Built RESTful API server to achieve CRUD operations for posts using Jersey, JAX-RS, JSON, spring REST using MEAN stack(MongoDB, Express, AngularJS, Node.js) Technologies.
* Works with business analysts and coordinates with them to make sure the data is being populated properly.
* Involved in writing JUNIT test cases and day to day builds and deployments using MAVEN and Jenkins.
* Involved in working, updating and closing the tasks created in Microsoft Team Foundation Server.
* Involved in converting the docket conversion system into XML that can be loaded into the Novus system.
* Developed Sqoop and Kafka jobs to load data from RDBMS, External Systems into HDFS and HIVE.
* Worked with WAS admin to deploy applications on WebSphere Application Server.
* Involved in Parsing the HTML and ENCRYPTED Data into readable format and generate XML.
* Used Node.js for creating event driven frameworks in scalable networks.
* Formulated template with JSON data from Rest API endpoint using AngularJS routing services and used its Cache services in it.
* Worked on Asynchronous messaging systems like Event Driven Architecture like Rabbit MQ
* Developed a modularized application using n-tierJ2EE architecture, application server, spring framework, Hibernate.
* Worked with AEM team to administer environments to ensure configuration is optimized as per requirements.
* Did the application support on different environments from QA to Production.
* Was responsible for analyzing the issues, providing technical & functional support to the users and fix them.

**Environment:** Java1.8, Spring 4, Spring boot, Angular-JS 1.3, Node.js, Angular-UI, Gulp, Ldap, Hibernate, Agile, Websphere,Oracle11g, Unix Scripting, Eclipse.

**Sr. Full Stack Java Developer, Wells Fargo, Moss Ville, IL Feb 2019 – Aug 2020**

**Responsibilities:**

* Designed and developed the application using Agile methodology and followed TDD, Scrum, pair programming.
* Used the scripting language like Python and Groovy for developing the Restful web services in few services.
* Performed document and collection mappings with Spring and Mongo Template.
* Implemented SOA architecture with Web Services using SOAP, WSDL and XML.
* Designed & developed LDAP Authentication & Authorization Service using Java, LDAP, JNDI.
* Implemented J2EE design patterns such as Session Facade, Factory, DAO and DTO.
* Integrated business layer using Hibernate with Spring DAO.
* Designed user interface for the product of gift card using Angular JS, jQuery, CSS3, HTML5 and JavaScript.
* Used Angular JS Factories and Services to make Ajax calls or Restful Calls to get data in JSON Format, and used Angular JS Directives like ng-app, ng-model, ng-init for initialization of Angular JS application data.
* Played key role in the design and development of application usingJ2EEand Rest web service(Jersey frameworks) for Service Oriented Architecture (SOA) with JSON.
* Designed and developed Business components and Integrated with Spring framework.
* Wrote data Components for Plan Setup, wrote, and called Stored Procedures using Java, HQL, Hibernate.
* Used RESTful Web Services for integrating with multiple Payment gateways CREDIT CARD, DEBIT CARD, INTERNET BANKING, WALLET etc .
* Created Xslts for the Payment page for the integration with multiple channels Web, Mobile, POS, KIOSK etc.
* Developed C++ win32 components to JAVA function calls using Java Native Interface (JNI).
* Researched on available translators from Java To win32 C++, Ported Java Classes to C++ code using “JAVA to C++ Converter”
* Involved in configuring and integrating Spring and Hibernate frameworks.
* Involved in design and implementation of MVC architecture in different modules.
* Responsible for working on consuming and producing SOA/Web Services.
* Designed and Developed web services using JAX-WS, SOAP, JAXB, Apache CXF. Exposing and consuming the web services to the downstream applications using Apache CXF and Apache camel.
* Developed REST service documentation using Swagger UI and developed test cases using Junit and Mockito framework.
* Used Spring Batch to build the POJO-based development approach of the Spring Framework.
* Wrote the DAO’s to access the database using JDBC calls.
* Involved in writing REST Web services in Groovy/Grails wrapped by Jersey JAX-RS.
* Involved in using JPA (Java Persistence API) frameworks and APIs such as JDO (Java Data Objects) and hibernate.
* Implemented Spring Bean Factory to create proxied object using AOP framework.
* Used AngularJS Global API to perform tasks like Comparing objects, iterating objects and Converting data.
* Developed REST exception handling controller advice to respond to bad requests and server-side exceptions.
* Created RESTful APIs in Express and returned logic through AngularJS data binding.
* Worked on Event Driven frameworks like IBM MQ Series for asynchronous communication in between the services.
* Used MongoDB to import the data into and feed into web services and displayed it onto the browser.
* Involved in transforming XML data into Java Objects using a JAXB binding tool.
* Responsible for configuring and deploying the builds on Tomcat Web Server.
* Involved in the Performance Tuning of the Application on client side.
* Used Angular JS http service to read data from remote servers.
* Worked on JavaScript framework to augment browser-based applications with MVC capability.
* Involved in developing HTML and JavaScript for client-side presentation and data validation within the forms.
* Worked with Angular JS MVC framework including authoring complex directives, services, controllers and filters.
* Customized Angular JS filters in several locations to get the required output.
* Developed various reusable Helper and Utility classes that are used across all the modules of the application.
* Implemented ASP .Net framework, master-child web pages with MVC Architecture.
* Wrote Technical design document with the class, sequence, activity diagrams in each use case.
* Designed dynamic and browser compatible pages using Jquery, JavaScript and Angular JS.
* Responsible for writing utility classes, UI development using JSP, CSS3, HTML, JavaScript, Angular.
* Wrote notification service that executes daily, sends emails and escalations to participants.
* Involved in Unit & Integration Testing for different Modules in the application.
* Wrote build & deployment scripts using ANT, Maven, shell scripts and JACL on unix env.
* Used Oracle Coherence in Java Collection API to access and modify data, and the JavaBean event model to receive data change notifications.

**Environment:** J2EE/J2SE, Java 7.0, Java Script, Angular JS, Node.js, Spring Framework, Spring Batch, Hibernate, JDBC, JMS, Apache Axis 2.0, MongoDB.

**Java/J2EE Developer, Ocular Science, Piscataway Township, NJ Aug 2017– Jan 2019**

**Responsibilities:**

* Designed and development applications using Rational Unified Process (RUP), UML and OOAD.
* Developed UI for Customer Service Modules and Reports using JSF, JSP’s, Prime Faces, Ajax4JSF framework (Ajax), JavaScript and Backing Beans.
* Consumed restful web services using Apache Http Client for the data coming from external systems.
* Actively involved developing proof of concept for a newly proposed application in using React JS.
* Experienced in ReactJS and working with React Flux architecture.
* Experienced in working with Redux architecture.
* Appropriate use of Session handling, data Scope levels within the application.
* Integrating Spring injections for DAOs to achieve Inversion of Control, updating Spring Configurations for managing Java objects using callbacks.
* Hibernate used as the ORM mapping tool and worked with Hibernate Query Language (HQL).
* Wrote Hibernate configuration file, hibernate mapping files and define persistence classes to persist the data into Oracle Database.
* Developed scripts using PySpark to push the data from GCP to the third-party vendors using their API framework.
* Extensive use of cloud shell SDK in GCP to configure/deploy the services like Cloud Dataproc (Managed Hadoop), Google Cloud Storage and Cloud Big query
* Developed the presentation n-Tier using JSP, JavaScript and HTML.
* Worked on advanced Hibernate associations with multiple levels of Caching, lazy loading.
* Involved in writing JSF Backing Beans for controlling the UI and writing custom components and validations.
* Implemented Ajax using Ajax4JSF Framework and nested taglibs API along with other standard taglibs in the application, as a better approach for screen development & reusability of visual components in the JSP pages.
* Implemented J2EE design patterns such as Session Facade, Factory, DAO, DTO, and MVC.
* Designed & Developed persistence service using Hibernate framework.
* Involved in Security configurations and authentication of service using API Gateway, JWT, OAUTH.
* Implemented business logic in Middle Tier using pluggable components, which were specified in the customized xml documents using Spring framework.
* Created Use cases, Class Diagrams, Sequence Diagrams using Rational Rose. Designed and developed the project using MVC design pattern.
* Configured and Integrated JSF, Spring and Hibernate frameworks.
* Responsible for writing Java code to convert HTML files to PDF file using Apache FOP.
* Developed Event Driven Architecture for receiving and processing data from IBM MQ Series using JMS.
* Involved in UI testing using Cucumber and Selenium.
* Rational Clear Quest used for defects, change tracking across the application.
* Coordinated work with DB team, QA team, Business Analysts and Client Reps to complete the client requirements efficiently.

**Environment:** Java 6/J2EE, JMS, JNDI, JSP, JSF, My Faces, Prime Faces, Spring, Tiles, Hibernate, HTML, DHTML, IBM MQ Series, CSS, JavaScript, VSS.

**Java Developer, Standalone, India June’2013 – December’2016**

**Responsibilities:**

* Understanding Use requirements participating in design discussions, implementation feasibility analysis both at front-end and backend level, documenting requirements.
* Participation did in Design Review sessions for development / implementation discussions.
* Designed & coded Presentation (GUI) JSP’s with Struts tag libraries for Creating Product Service Components (Health Care Codes) using RAD.
* Developing Test Cases and unit testing using JUnit
* Coded Action classes, Java Beans, Service layers, Business delegates, to implement business logic with latest features of JDK1.5 such as Annotations and Generics.
* Extensive use of AJAX and JavaScript for front-end validations, and JavaScript based component development using Framework with cross browser support.
* Developed and implemented UI controls and APIs and Involved in the developing functions to acquire data from API server using AJAX.
* Using RUP and Rational Rose, developed Use Cases, created Class, Sequence and UML diagrams.
* Application Modeling, developing Class diagrams, Sequence Diagrams, Architecture / Deployment diagrams using IBM Rational Software Modeler and publishing them to web perspective with Java Doc.
* Implemented caching techniques, wrote POJO classes for storing data and DAO’s to retrieve the data and did other database configurations using Spring.
* Used Perl for creating the Webservices along with the groovy
* Application integration with Spring Web Services to fetch data from external Benefits

**Environment:** Java: JDK 1.5, JSP, JSP Custom Tag libraries, JavaScript, AJAX, XSLT, XML, DOM4J 1.6.