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Description automatically generated with medium confidenceRohith Reddy

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469-739-2179

**PROFESSIONAL SUMMARY**

* Having 9+ years of experience in all the phases of the Software Development Life Cycle (SDLC) including Requirement Analysis, Design, Implementation, and Product Testing in both Web-based and Enterprise applications with emphasis on Object Oriented, Java/J2EE, and Client Server technologies.
* Strong experience with Software methodologies like Agile, Waterfall, and Test-Driven Development.
* Experienced in UI frameworks such as **HTML5, CSS3, Bootstrap, jQuery, Ajax, Google Web Toolkit (GWT), JavaScript, Tag Libraries, and Custom Tags.**
* Experience working with **Java 1.8 Lambdas**, Functional Interfaces, and integrated Stream API into the Collections API, to perform bulk operations on collections.
* Managed Amazon Web Services **(AWS)** like **EC2, S3 bucket, ELB, Auto-Scaling, DynamoDB, man, and Virtual Private Cloud (VPC) through AWS Console** and API Integration.
* Hands-on experience with **Amazon web services (AWS) and** Amazon cloud technologies such as Amazon EC2 (virtual servers) and Amazon Cloud Watch (monitoring).
* Extensive experience working in Spring framework, Struts framework, Object Relational Mapping Hibernate framework, and web services.

# Experience using Spring MVC, Spring Boot, Spring DAO, Spring Data, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions, and Spring Security.

* Strong work experience in application integration and communicating using **SOA and web Services such as JAX-RPC, JAX-RS, JAX-WS, SOAP, WSDL, XML, and RESTFUL web services.**
* Extensive work experience in web technologies like **JSP, Servlets, and JavaScript**.
* Extensively worked on developing UI components using **HTML5, CSS3, , and JSON to interact with Restful web services.**
* Designed and developed Java applications with **MongoDB** integration, leveraging its **NoSQL** capabilities for efficient, scalable, and flexible data storage solutions.
* Experienced in numerous Design Patterns like Singleton, Factory, Session Facade, MVC, Data Access Object, UML, and Enterprise Application Integration.
* Expert in Core Java with a strong understanding of Collections, Multithreading, Event handling, Exception handling, and Generics.
* Strong Experience in database design using **PL/SQL** to write Stored Procedures, Functions, Triggers, and Indexes and proficiency in writing complex queries, using Oracle, SQL Server, and MySQL.
* Experience in working with **MySQL** databases like Cassandra DB and MongoDB to manage extremely large data sets.
* Experience in Data migration from DB2 to **Apache Cassandra** DB and involved in major and minor upgradation of Couch base and **Cassandra** cluster.
* Experienced in JMS over messaging to exchange information in a more reliable and asynchronous way in enterprise Applications. Used Apache Active MQ and Apache Camel.
* Experience in version control system tools like **GIT, CVS, and SVN.**
* Experience in unit testing applications using JUnit, and TDD Framework.
* Worked on implementing the full life cycle of the software development process (SDLC) in using version control tools like Rational Clear Case, Tortoise SVN, and CVS (Concurrent Version System).
* Hands-on experience working with Continuous Integration (CI) build-automation tools such as

# Maven, SVN, CVS, Jenkins, and Apache Ant.

* Significant experience in web development tools like Spring Tool Suite (STS), Eclipse, and IntelliJ.
* Hands-on experience with Windows, UNIX, and Linux Environments.
* Experience in Shell Scripting and Deployment of Applications on Server.
* Experience in designing, developing, and deploying J2EE applications on **Web sphere, Web logic, and Apache Tomcat application Servers.**
* Excellent Client interaction and presentation skills and have proven experience in working independently and in a team.
* Utilized **MongoDB**'s monitoring tools to keep a close watch on database health, proactively addressing potential issues before escalation.
* Excellent written and verbal communication skills, Analytical and problem-solving skills, strict attention to detail, and ability to work independently, and lead/work within a team environment.
* Spearheaded the design and development of real-time integration solutions using Tibco Business Works and **Tibco EMS**, enabling seamless communication between diverse applications and systems.
* Leveraged Java expertise to architect and implement custom components for **Tibco** Business Works, optimizing performance and meeting real-time processing demands.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Languages:** | Java, J2EE, C++, SQL, PL /SQL |
| **Application Servers:** | Apache Tomcat, WebSphere, Apache Kafka |
| **IDE-s/Text editors:** | Eclipse, NetBeans, Visual Studio, Any point Studio, Sublime Text, WinSCP, putty |
| **Operating Systems** | Windows, Linux |
| **Web Technologies:** | HTML, CSS, AJAX, JavaScript, jQuery |
| **Middleware tools:** | JBoss. |
| **XML Web Services:** | XML Schema, SOAP, REST |
| **Frameworks:** | Spring MVC, Spring Boot, Spring Cloud, Struts, Hibernate, NodeJS |
| **Databases**: | Oracle 11g, SQL Server, MySQL, NoSQL (MongoDB), Couchbase SQL, Cassandra |
| **Development tools:** | Maven, SVN, Git, JIRA, Ant and MS build |
| **Cloud Platform** | Pivot cloud foundry, AWS |
| **Testing Tools:** | Apache JMeter, Soap UI, Junit, Selenium |
| **Scripting languages:** | Unix-shell scripting, Shell, Ruby, Python and JavaScript |
| **Monitoring Tools** | Nagios, Cloud watch, Splunk |
| **Version Control Tools:** | SVN, GIT, TFS, CVS and IBM Rational Clear Case |
| **Automation Tools:** | Jenkins/Hudson, Build Forge and Bamboo, Salt Stack, GitHub |
| **Containerization Framework:** | Docker, Kubernetes |

**Education details:**

* + Bachelor’s in computer science from JNTUH
  + Master’s in computer science from California State University, East Bay

**PROFESSIONAL EXPERIENCE**

**IBX, Philadelphia, PA April 2021 to present.**

# Java Developer

**Responsibilities:**

* Interacting with Business requestor/ Client portfolio managers to finalize the requirements, UAT support, and post-production support.
* Understanding High-Level Design and creating detailed technical Design documents.
* Involved in (SDLC) Requirement Analysis, Design and Develop and Implement the application using J2EE technology.
* Using **Java 8** features in developing code like **Lambda expressions, creating resource classes, and fetching documents from the database**.
* Using **Java 11** with migration of **Java 8**.
* Designed and implemented DAO, Singleton, Factory, and DTO Design Patterns.
* Worked in all the modules of the application which involved presentation logic developed using JSP, JSTL and JavaScript, and Spring framework.
* Developed code using server-side technologies like **Spring Boot framework- Core, AOP, MVC, and Data.**
* Implemented robust CRUD (Create, Read, Update, Delete) operations ensuring data integrity, rapid access, and seamless user experience across Java-based systems.
* Designed and developed the REST-based Microservices using Spring Boot.
* Working with modern technologies such as ES6 and Webpack to build sites and application development.
* Implemented a Continuous Delivery pipeline with Docker, Jenkins, GitHub, and AWS, whenever a GitHub branch gets started, Jenkins, our Continuous Integration server, automatically attempts to build a new Docker container.
* Strategically designed MongoDB schemas based on application needs, ensuring flexibility for future scaling and modifications.
* Developed user interface by using, and Flux for SPA development.
* Implemented code to handle cross-browser compatibility issues in Mozella, IE 7, 8, 9, Safari, and FF.
* Used React-Router to turn the application into Single Page Application.
* Used Stateless Session Enterprise Java Beans (EJB) to encapsulate the business logic.
* Used IDES like Eclipse for development and used Maven to build and deploy the projects.
* Extensively used **XML** and Java Architecture for **XML Binding (JAXB),** to map XML to Java classes.
* Developed and consumed Restful web services to accumulate data and generate reports.
* Used various Core Java concepts such as Exception Handling, Collection APIs, and Executor Service Framework to implement various features and enhancements.
* Enhanced **RESTful** web services to incorporate **MongoDB-backed CRUD** operations, ensuring reliable data handling and integration.
* Involved in consuming and producing **SOAP-based** web services using **JAX-WS.**
* Used WebLogic server for deploying and debugging the application.
* Used Log4j for External Configuration Files and debugging.
* Developed Junit test cases for the developed application.
* Involved in the build and deployment of the application using the Tomcat server.
* Designed database and normalization for databases in Oracle 10g and used the Stored Procedures and Triggers in the application.
* Tracking the defects/bugs till the production phase.
* Doing code reviews for the projects done by other teammates/ peer code review.
* Working in designing, deploying, and managing cloud infrastructure using **AWS** services such as EC2, S3, RDS, and Lambda.

**Environment:** Java 8, Java 11, Spring Boot, Micro-services, Spring MVC, Spring Data, Spring AOP, REST web service, Mango DB, Oracle, React.js, HTML5, JavaScript, CSS, Tomcat, GIT-Bitbucket, Eclipse, IntelliJ, JUnit, Maven, Log4j, Windows, AWS.

# Safeway Inc, Pleasanton, CA Dec 2019 – March 2021

# Java Developer

**Responsibilities:**

* Actively involved in various phases of the Software Development Life Cycle (**SDLC**) such as Design, Analysis, Development, and Testing.
* Extensively used Core Java such as **Exceptions**, **Multithreading**, Data Structures, and Collections in this project along with Encapsulation, Abstraction, **Java 8** new features like **Lambdas**, and **Method References**.
* Designed and developed Micro Services business components and Restful service endpoints using Spring Boot.
* Implemented **RESTful** and **SOAP-based** web services using **JAX-RS** and **JAX-WS** respectively.
* Implemented RESTful Web Services to retrieve data from the client side using Microservices architecture.
* Implemented exception handling in Java Spring Boot for **REST API**, by making use of Exception Handler and Controller Advice annotations.
* Developed Micro Service to provide RESTful API utilizing Spring Boot with **Spring MVC**.
* Implemented the authentication, authorization, and access-control features by using Spring Security.
* Developed Microservices-based architecture to enable the application to be deployed on **AWS Cloud.**
* Developed end-to-end data processing pipelines that begin with receiving data using distributed messaging systems **Kafka** through the persistence of data.
* Responsible for creating an instance on Amazon **EC2** (**AWS**) and deploying the application on it.
* Used Groovy and spring boot to collect the data from users and packaged the data as JSON distributed to applications.
* Worked on **AWS** cloud services to deploy static websites and dynamic Web Apps on EC2 using Elastic Beanstalk and Elastic Container **Service-Docker**.
* Involved in implementing DAO pattern for database connectivity with **Hibernate**.
* Created some reusable components for designing interfaces using React.js.
* Developed various screens for the front end using React.js and used various predefined components from NPM (Node Package Manager) and Redux library.
* Extensively used Web pack to remove code dependencies and develop a SPA using React.js and react-route.
* Utilize Python libraries and frameworks like Django, Flask, and Pyramid to develop web applications and APIs. • Leverage Golang's concurrency and performance capabilities to build efficient, scalable, and concurrent applications.
* Worked on CSS pre-processor frameworks (SASS 3.4 & LESS 2.0).
* Implemented AJAX in web pages for accessing application data without refreshing the whole pages for a better user experience.
* Conducted thorough performance analysis of Java and Tibco components, optimizing system throughput, and reducing response times for real-time data processing.
* Expertly fine-tuned Kafka configurations and consumer groups, minimizing latency and ensuring efficient processing of real-time messages.
* Diagnosed and resolved complex integration issues promptly, ensuring continuous real-time operations and mitigating potential business disruptions.
* Implemented proactive monitoring and alerting mechanisms, enabling early detection and resolution of real-time integration incidents.
* Stayed updated on the latest trends and advancements in Java, Tibco, and Kafka, recommending best practices to enhance real-time integration processes and architecture.

# Skilled in using Python libraries for data analysis, modeling, and visualization.

* Used React.js, and JavaScript for validating client-side validations.
* Used use Reducer () hook to manage complex states and actions in a single-state object.
* Used use callback () hook to memorize functions and prevent unnecessary re-renders.
* Competent in using the user () hook to access the DOM elements and store mutable values.
* Involved in writing and implementing **SQL** queries at the DAO layer using **SQL** and **HQL**.
* Generated **Java APIs** for retrieval and analysis on **No-SQL** databases such as **HBase** and **Cassandra**.
* Designed services to store and retrieve user data using **MongoDB** database and communicate with remote servers using REST-enabled Web Services on Jersey framework.
* Scalable data design for **MongoDB** and **Redis**, caching in **MongoDB** with **Redis Cache** Using **Spring Boot**.
* Created **Hibernate** Named Queries in **Hibernate** mapping files and implemented them at the DAO layer.
* Used **Hibernate** for the Persistence layer. DAO wrapped all the Hibernate functions.
* Implemented configured and customized **JIRA** issue tracking software with agile plug-in across all company functions.
* Used **Git** to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and create new branches when new feature implementation starts.
* Used **JUnit** and **Mockito** framework for writing unit test cases in Test Driven Development.

**Environment:** Java 7, Java 8, Microservices, Cucumber, AJAX, Responsive Web Designation,Tibco, JSON, Golang, Python, Apache Kafka, Dreamweaver, JavaScript, JSP, Rest/SOAP, Spring Boot, Hibernate, J2EE, AWS.

**SunTrust Bank, VA Sep 2018 – Nov 2019**

**Java Developer**

**Responsibilities:**

* Used development IDEs like Eclipse for Java and **Toad for PL SQL** development.
* Wrote scripts for the jobs to execute them on the **Unix server** using Shell scripting.
* Monitored and debugged **Java logs on the Unix server**
* Used basic UNIX commands to perform various operations on the UNIX server.
* Used basic Linux commands for file management and other operations.
* Used **router** and implemented module-wide routing and created different forms using data-driven and template-driven forms.
* Utilized **Cassandra**, a NoSQL database management system for keeping user-generated data.
* Developed **Components, Services, and Filters** and took part in developing unit test and integration test cases using **Jasmine, Karma,** and **Web pack**.
* Used **Spring Boot** which is radically faster in building cloud **Microservices** and developing Spring-based applications with very less configuration.
* Assisted the Manager by providing automation strategies, **Selenium/Cucumber** Automation, and JIRA reports.

# Developed Microservices & APIs using Spring Cloud, Spring Security, Spring Boot, and Spring Integration.

* Implemented high-throughput data processing systems with Kafka, utilizing topics, partitions, and producers, ensuring efficient handling of real-time data streams.
* Integrated Kafka with external systems using Kafka Connect and Kafka Streams, streamlining data flow and supporting event-driven architectures.
* Developed resilient message-driven applications with Tibco EMS and Kafka, following publish-subscribe, point-to-point, and request-reply patterns for real-time data exchange.
* Designed and delivered enterprise-level EAI solutions, facilitating seamless integration of critical applications and services through Tibco middleware.
* Collaborated cross-functionally with business stakeholders, architects, and developers to gather real-time integration requirements and design scalable solutions.
* Provided technical leadership and mentorship to junior team members, fostering knowledge sharing and skill development in Java, Tibco, and Kafka technologies.

# Familiar with web development frameworks like Django and Flask to build web applications and APIs using Python.

# Developed wrapped using Python for multithread application.

# Used Jenkins for continuous integration of builds and GIT for Source Control.

# Instructing and mentoring teams of developers in the uses of 6/8 technologies to include, including Node.js, Grunt, LESS, and additional technologies to ensure current migration from JS 6 to 8.0.

* Performed **REST** validations and created **REST** exception Handlers and used **Postman** to test **REST services**.
* Developed unit test cases using **Junit, and Spring** to test **REST microservices**.
* Involved in consuming **SOAP-based** **web services** so that the business application can integrate with legacy applications and facilitates future applications.
* Used **Java 1.8 Lambda expressions and Stream API** to support functional-style operations on streams of elements.
* Worked on Java functional programming concepts like **Streams, Functional Interfaces, new date time API, and lambda expressions.**
* Used **Multi-Threading** and **collection framework** including **List, Map,** etc.
* Used **Apache Maven** as a build tool for building the **Restful web service**.

**Environment:** Java 1.8, concurrent package, lambda expressions, , Servlets, JSP’s, JDBC, EJB, JPA, Hibernate, JAX-B, JAX-RS, SQL, Oracle 10g, SVN, GitHub, Ant, ServiceNow, Spring Boot, Cucumber, Spring Batch, JMS, Tibco EMS Autosys, Eclipse, Unix, JUnit, Log4J, HTML, CSS, and Bootstrap, Docker, AWS, Swagger, Microservices, JIRA, Jenkins.

# Kaiser Permanente, CA Oct 2017 – Aug 2018

**Java Developer**

**Responsibilities:**

* Designed a generic framework to process the transactional data which comes from different types of files,

# MQ queues, Http systems, and databases.

* **Spring AOP is** used to check Authorization and determine allowed actions for different workflow statuses.
* Developed input transporter (**File Reader, MQ Receiver, and Database Reader**) and output transporter (**File Writer, MQ sender, Database writer**) components, and workflow manager to route the transactional data to various external systems.
* The data is routed to different queues and processed with a built-in workflow engine and the output data is sent to files, MQ queues, Http systems, and databases.
* **JConsole, VisualVM** is used to monitor the health of the system.
* Core Java with **Concurrent API** is used extensively for parallel processing and chunk processing.
* **Spring** is used for **dependency injection (DI)** and **Hibernate framework** is used for persistence.
* Developed a **generic component**, which pulls product information from the **ESM system in XML**, formats, and serializes to Object. This component was developed using **Java, EJB, and Castor Framework**.
* **Thread pool** and blocking queues used for parallel processing.
* Developed a generic component to send messages and receive messages from **MQ queues using Spring**.
* Extensively used **Spring JDBC, Spring AOP, Spring Remoting, and Spring Schedulers**.

# Developed Rule based pluggable validation framework using composite design pattern.

# Developed a generic enrichment framework to enrich transaction data with Product information.

* From ESM and SDS counterparty information.
* **Jprofile** memory view and **CPU view Thread view and VM telemetry view** used to analyze the behavior of the application.
* Implemented automation using Selenium WebDriver, JAVA, **Selenium Grid, Cucumber, and Maven**.
* **Hibernate associations** and **criteria API** used for chunk processing (batch processing), updating and inserting data into Oracle and **db2** tables.
* **JSON** request/response from UI is processed using **Spring MVC 3.0 Restful** features and **Hibernate/JPA**

The framework is used to save/retrieve the data in the backend.

* **Maven plug-in** is used for building and deploying the application in **WebSphere Application Server (WAS)**, **WebLogic**.
* Develop applications using Python and Go (Golang) programming languages for backend services and scripting tasks.
* Use Python and Go for interacting with RESTful and SOAP-based web services. • Develop and maintain microservices architecture, utilizing both Python and Go programming languages.
* Developed applications using **spring integration Input adapters**, Output Adapters, Flow components, and Channels.
* Spring Integration (**Message Bus**) is used to interact with various external systems to send and receive **MQ messages** and **Web Service (soap)** requests/responses.
* Drools rules engine is used to validate input data and enrich data format required by external systems.
* **Spring Batch Item reader, Item Processor, and Item Writer** used to process files.
* Used **Kafka** as a message broker consuming and producing messages.
* Coherence Near Cache with Partitioned Read Write Backing Map used to load Static Data and Transactional Data**.**

**Environment:** Agile (SCRUM), JS, AJAX, Hibernate, Spring, Python, Spring Batch, Spring Boot, Spring Security, Servlet, XML, GIT, JSP, Postman, Spring MVC, JDBC, Mockito, PL/SQL, Unix Shell Scripting, Cloudera JUnit, Maven, Cucumber, IBM WebSphere, Apache Camel, Kafka, Restful, Log4J, SOA, Microservices, Swagger, JIRA, Spring Security, Jenkins, and STS.

# United Airlines, Chicago, IL Feb 2016 - Sep 2017

**Java Developer**

**Responsibilities:**

* Mi-grated the code from **Java 1.7 to Java 1.8** using all features of java 1.8 like **lambda** expressions, functional interfaces, streams.
* Develop various applications using cutting edge technologies like **JS, Bootstrap, CSS, HTML, OCP Framework of Oracle, Gradle, GIT, Apache Tomcat** etc.
* Developed **restful** web services to both consume and publish to the endpoint.
* Involve in giving estimates to business owners to deliver the assigned project on time.
* Write **Junit and Jglue** test cases for all the development code.
* Also participate in day-to-day scrum meetings as we follow agile methodology.
* As a developer I participate in gathering information in developing stories by having **JAD, JAM**

sessions with **BA**, **QA** folks.

* Real time streaming the data using **Spark** with **Kafka**
* Coordinate with messaging teams in different locations to make sure the clustered brokers are running as desired on different servers in multiple locations.
* Coordinate with **BA’S** to resolve any dependencies during the day-to-day development.
* Support **QA’s** in different testing phases like **domain testing, regression testing, Smoke testing** in different environments.
* Also support other developers of my team to resolve any complex issues during all phases of the development cycle.
* Also deliver production support if necessary, during critical issues.
* Have exposure to **SELENIUM** as automated testing tool to test end to end components.
* Developing message driven beans (**MDB’s**) to listen on to a queue and to perform various processes like **XSLT TRANSFORMATION, XSD VALIDATION, JAXB TRANSFORMATION** and writing to database.
* Developed web services using both **REST and SOAP**. Created **WSDL** and client classes from **WSDL**

and wrote **REST** client to invoke the rest endpoint.

* Have experience with **Apache CXF, JBoss WS, JAX-WS, JAX-RS**.
* Have experience working with result sets and structures.
* Worked with architects to find better ways to deal with Q-T architecture.
* Also perform admin tasks like setting up **ActiveMQ**, **WebSphere broker, Solace broker, Service mix ESB, JBoss and Hermes JMS** in different environments like **Local, Dev and SIT**.

**Environment:** Core Java, JDK 1.5,J2EE, JSP, Html, CSS, JavaScript, jQuery, Struts 2, Spring 3.0, Spring DI, Spring MVC, Spring, JDBC, Hibernate 3.0, JNDI,SVN, JMS, ANT, XML, XSLT, WebLogic 10, Eclipse, web services, Apache Axis 2, Apache Kafka, JavaScript, AJAX, PL/SQL, SQL server, Oracle10g, Windows XP/Linux, Toad.

# Syntel, Pune, India Aug 2013 – Nov 2014

**Junior Java/UI Developer**

**Responsibilities:**

* Involved in the Development and Analysis of this Enquiry module.
* Prepared and documented Use Case Specification, Use Case Diagrams, Class Diagrams, and Collaboration Diagrams UML.
* Along with the documentation, also worked on Asynchronous / Synchronous communication patterns.
* Worked on different tools such as Component, **SOA** Composite and **OBER**.
* Developed **Oracle SOA** services in an agile development environment, Considering the SOA Governance & Best Practices – for managing business assets such as **WSDL, XSD and Process**.
* Worked on **SOA Design Patterns** for building middleware systems.
* Worked on a multi-tier web-based environment using **J2EE** technologies: **JSP, EJB and Java Servlets**.
* Developed components using **Session Beans**.
* Developed **JSP** and **Servlets**
* Developed the business logic using **EJB**
* Developed the Internationalization to the Application
* Validating the views using Validator plug-in in **Struts Framework**
* Designed and coded **JSP** for the presentation layer.
* Performed routine checks on the **Linux servers** of the firm.
* Manage and deliver all system and software migrations like **Java version upgrade**, **OS migration from UNIX to Linux** involving organizational standards.
* Developed **Java Beans** for business logic required by the **JSP’s.**
* Developed Web Pages using **XML.**
* Used **JDBC Thin Driver** extensively for invoking complex query on database.
* Developed Test Plans using **JUnit**.
* Responsible for Deploying, Implementing the application at Client site using **Ant build tool**
* Wrote reusable functions for **xml transformation in Java Server Pages**.
* Designed the solutions for top existing components and within the constraints particularly specified by the project.
* Development and Analysis of the Client Data Bank module of the Life Insurance product.

**Environment:** JDK1.4, JDBC 3.0, HTML 4.0, EJB’s, Servlets 2.0, JSP’s, XML 1.0, JUnit 3.4, Struts 1.1, Ant 1.6, JavaBeans, Oracle Service Bus, Oracle 9i, Oracle SOA Suite 11g, HP-Unix, Linux, Win98/ 2000, WebLogic 8.0, Eclipse 3.3.