**Rama Pavan Nalam** (+91) 8977045777 [rampavan.307@gmail.com](mailto:rampavan.307@gmail.com)

**SUMMARY**

* **Close to 7 years** of progressive experience as Mule / Gosu /Java developer and **Mule developer** working on **multiple** application involving in **analysis**, **design**, **development**, and **testing** and **implementation**.
* Extensive experience on **Advanced** **Mule** applications development using **Mule SDK** from version **3.5** to version **4.1,** **AnyPoint Studio IDE**, CloudHub , Guidewire **Claim Center** 10,**PolicyCenter** 8 ,Eclipse.
* Expertise experience in **mule modules** such as **Database** , FTP, Java, Email, ObjectStore, MQ,Salesforce.
* Expertise in building application network using API led connectivity architecture.
* Experience in implementing  **security policies** such as ClienID Enforcement.
* Strong knowledge of **Batch ,VM Queue** for performance improvements.
* Experience in **implementing** various **data storing** options like **SQL Database**, Cache/**Internal Storage using ObjectStore**.
* Experience in using API Designer in Anypoint Platform to design a RAML API to develop Rest Application.
* Experience in implementing **native libraries** in application by using BeanIO **,** Jackson API.
* Experience in Transformations using XSLT, Data Weave, and Custom Java Transformers to transform data from one format to another format using Mule ESB
* Experience in developing orprocess messages using Batch Scopes.
* Familiarity in framework such as API Functional Monitoring for quality assurance and reliability.
* Experience in developing micro Services for both **JSON, SOAP** using Rest Protocols.
* Worked on Mule ESB components like File Transport, SMTP Transport, FTP/SFTP Transport, JDBC Connector, and Transaction Manager.
* Worked extensively on technologies Spring, Web services, SOAP, XML, JMS, JDBC and various Databases like Oracle, MySQL and Microsoft SQL server during my tenure in Software Development.
* Developed Web Services as networks and using **HTTP Protocol for** **inter network communication**.
* Knowledge of encrypting secure configuration properties file .
* Implemented **CodeNarc** tool extension to accommodate custom rules.
* Experience in writing regex expression to validate inbound variables.
* Experience using object-oriented **concepts/methodologies** (Java).
* Familiarity implementing input or output as **Video Streaming**, PDF Stream for given resource.
* Involved in design and Drawing UML diagrams such as use cases, sequence diagram.
* Experience with **source/version Git and SVN** control software and **JIRA** for project tracking status.
* Experience in Building UI for a json payload using Excel and connecting to external service using VBA Script.
* **Proficient in writing Unit tests** for software components and **experience on Test Driven Development.**
* Experience in preparing **test cases** and **test plans** besides involving in **Unit testing**, **Integration testing** and **User Acceptance testing** extensively.
* Experience with AGILE software development practices and Knowledge of SDLC methodologies.
* Experience in working with various **Software Development methodologies** like **Waterfall model** and **AGILE** methodology.
* Flexible to work independently with **minimal supervision** and **multi-task** when work **under** **pressure**.
* Strong apt **negotiating** with ability to **analyze**, **communicate clearly**, and **decision-making** skills.
* Excellent **communication**, **analytical**, **interpersonal**, **presentation** and troubleshooting skills.
* Experience in managing **multiple projects** simultaneously with excellent **time management skill** and **meeting deadlines**.

**CORE COMPETENCIES**

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| --- | --- |
| **Languages** | Java, DataWeave,J2EE, C++, , Java Script, JSP, GOSU, SQL, DB2, HTML/CSS, Shell, Perl |
| **Framework/Libraries** | Spring,Struts. |
| **Development Tools** | Anypoint Studio , Eclipse Helios (3.6). |
| **Application/Web Server** | WebLogic, WebSphere, Apache Tomcat, JBoss |
| **Database** | SQLite, MySQL, Sybase, SQL Server |
| **Build Tools** | Gradle, ANT |
| **Testing Tools** | MUnit,GUnit,Junit. |
| **Versioning Tool** | SVN, GIT, CVS, JIRA, Jenkins |
| **Methodologies** | Agile, waterfall, UML, SDLC, Six Sigma |
| **Operating System** | Windows, Linux, Unix |

**EXPERIENCE**

**V-Soft Consulting – Hyderabad, India**

**YUM Intenational April 2021 – Till date**

**Role: Sr. Mule Engineer**

**Description :** Yum Brands formerly Tricon Global Restaurants, Inc., is an American fast-food corporation listed on the Fortune 1000. Yum! operates the brands KFC, Pizza Hut, Taco Bell, The Habit Burger Grill, and WingStreet worldwide, except in China, where the brands are operated by a separate company.

**Responsibilities and key Deliverables:**

* Central Data Exchange (CDX) is to be a registrar for the Yum unique identifiers create unique identifiers for Site, Store, Franchise, Legal Entity, Document. Create RAML 1.0 using resource types and traits and objects. each identifier will be created by first performing a duplicate check and extracts next number from next resource table and insert the new record into resource table.to avoid duplicate requests we use cache scope to store the input request and response.
* Input will be employee info , write the input payload as file data to s3 bucket ,fetch department name , job code through system layer and cache the response send the file data to system api and incase of failure send the input request to MQ
* Update mule 3 applications. As part of this process, we need to go through existing documents and understand the business and convert the complex soap dw 1.0 upgradation to dw 2.0 and variables, connector upgradation.

**IQVIA/Quintiles – Bangalore, India**

**Q2 ERP Solutions Sep 2020 – April 2021**

**Role: Sr. Mule Engineer**

**Description :** A joint venture of IQVIA (formerly QuintilesIMS) and Quest Diagnostics, Q2 Solutions combines the best of each parent organization’s clinical trial laboratory capabilities to fulfill its mission of treating each sample as if a life depends on it.Q2 Solutions have existing People Soft CRM and IQVIA have Oracle CRM, Aim of the project is to replace People Soft with Oracle.

**Responsibilities and key Deliverables:**

* Implement Process API to read files(file with data and a file with parameters) from SFTP Location .apply respective transformations and convert the data in multipart form data and send the same to system layer. In case of any failures construct the error message and push the same to Error Queue.
* System layer will accept multipart payload and compress the input csv files and send the same to oracle FBDI(soap call for large csv file)
* Integrate LTMS to Oracle CRM which involves complex dataweave transformations with multiple calls to external system and construct a json structure which can be used in final transformation.
* Participate as one of the members in client calls in understanding requirements. Actively participate in BA Walk throughs and ability to give proper Dev Walkthroughs to quality and business teams after development.
* Develop RAML for respective API’s and implement Client Id Enforcement policy.
* Create maven project form exiting maven architype and ability to setup cicd pipeling for each individual projects in git lab.
* Implement Munits and help team members in case of any doubts.

**Environment:**Mule4.0, AnyPoint Studio,CloudHub, Java, Data weave.

**Modules:** SFTP, HTTP, Java, WebServiceCosume, Java, VM, Batch Scope.

**Tavant India Pvt Ltd – Bangalore, India**

**Land O Lakes Sep 2019 – Sep 2020**

**Role: Sr. Mule Engineer**

**Description :** **Land O'Lakes, Inc.** is a member-owned [agricultural cooperative](https://en.wikipedia.org/wiki/Agricultural_cooperative) based in the [Minneapolis-St](https://en.wikipedia.org/wiki/Minneapolis-St._Paul). The co-op is one of the largest producers of [butter](https://en.wikipedia.org/wiki/Butter) and [cheese](https://en.wikipedia.org/wiki/Cheese) in the United States through its dairy foods business; serves producers, animal owners and their families through more than 4,700 local cooperatives, independent dealers and other large retailers through its Purina Animal Nutrition and delivers seed, crop protection products, agricultural services and agronomic insights to 1,300 locally owned and operated cooperative and independent agricultural retailers and their grower customers through its WinField United business.

**Responsibilities and key Deliverables:**

* Implementing Mule Application Structure, creating property files, secure property files for multiple environments.
* Involved in design and Drawing UML diagrams such as use cases, sequence diagram.
* Worked on Integration to validate input xml payload, validate inbound account number and null checks for primary fields. check for duplicate transaction using outbound service ,push the message to JMS queue.
* Performance tuning applications.
* Increase code coverage for existing munits.

**Environment:**Mule4.0, AnyPoint Studio,CloudHub, Java, Data weave.

**Modules:** FTP, Database, HTTP, WebServiceCosume, Java, VM, Batch Scope.

**PricewaterhouseCoopers SDC - Bangalore, India Mar 2017 – Aug 2019**

**Country Financial Fusion**

**Role: Sr. Mule Engineer**

**Description:** Country’s New Application Claim Center (CC) have a challenge to use OOTB SOAP Webservice with custom DTO to be integrated with external systems which have their own DTO. Additional Complexity of mapping moved to Mule Network of Applications. Complex Mapping includes orchestration of multiple system payloads to single DTO given by CC. MuleSoft have reduced effort in converting given inbound xml to csv file or saving outbound xml data into integration DB.

**Responsibilities and key Deliverables:**

* Developing mule integrations using mule API led connectivity architecture.
* Apply the Client ID Enforcement policy to govern API, which allows only authorized applications to access the deployed API.
* Monitor webservice health using API Functional Monitoring.
* Implemented the Choice Exception Strategy to catch all possible Exceptions in the Flow.
* Policy Integration includes Orchestrating payloads from multiple endpoints such as Policy System, Insured Contacts, Policy coverages System.
* Create Manual Check: Validate Inbound xml payload and based on Action Verb save the payload to database and send transformed xml payload to external system, encrypt the response pdf stream and give it as a response.
* Retrieve Manual Check: Based on the given inbound unique value extract payload from IntegrationDB and send transformed payload to external system, encrypt the response pdf stream and give it as a response.
* Retrieve DB records (xml payloads) from Integration DB and fed records to Mule Batch Scope, successful payload transformation updated to CSV File and status as Send in Integration DB. Failure transformation updates record status as failure in Integration DB.
* validate Inbound json payload containing 4 fields, query Lookup Table, return output as true or false based on query result.
* Attaching Unit Test case document while raising pull request using GIT.
* Assist onsite team in deploying mule applications.

**Environment:**Mule4.0, AnyPoint Studio,CloudHub, Java, Data weave.

**Modules:** FTP, Database, HTTP, WebServiceCosume, Java, VM, Batch Scope

**(Insurance Australia Group)**

**Role: Sr. Mule Developer**

**Description:**I.A.G being a leader in insurance Australia and have acquired many companies, as a result ended up in large number of policy systems, claims systems and billing systems and their individual Line of businesses. Mule reduced the complexity of Integrating CC (Claim Center) to SIRA (Insurance Australia Governing Body) with two outbound services SIRA Claim and Payment API. Integrated IAG-CTP LOB with Recovery Management systems (SAP), Clearing House. Updated document management services to incorporate new set of documents.

* Integrated CC with SIRA. Outbound service to handle financials which includes (Recovery, Recovery Reserve, Reserve, Payments). SIRA Validates and sends back set of violations for each violation soap service need to invoke an activity service produced by CC.
* Mule Inbound service Listens to JMS Queue, transforms Claim data and inserts to Integration DB.
* Mule Batch to pick Claim records from Integration DB transforms xml records to JSON and sends them to SIRA and invoke activity service for each error response returned from SIRA.
* Upgrade existing policy system integration to incorporate new fields and coverages as per CTP-NSW LOB.
* File Listener to poll for a CSV file with name specification which contains recovery or recovery reserve, transform (csv-xml) based on the type of record consume CC recovery or recovery reserve service. Records with failed response will be moved on to failure csv file.
* Inbound service to insert json document payload to Integration DB and consume notifyDocument(soap) service produced by CC.

**Responsibilities:**

* Implemented Mule Custom Connector to split large CSV File.
* Implemented Webservices with Mule Batch scope to process large csv files.
* Implemented the Choice Exception Strategy to catch all possible Exceptions in the Flow.
* Transform inbound json data to complex xml payload.
* Implement Catch using object store to store authentication password.
* Created UI using Excel Sheet and VBA macro to construct json payload and to consume external service. Reduced testing effort and BA team.
* Assisted Client SME and Offshore BA in implementing POC.
* Done Performance testing of SIRA Claim, Payments Batch.
* Worked on integration issues and co-ordinate development efforts with other developers. Align development effort with architectural solutions.
* Munit Test for the webservices developed.
* Helped Business team in deriving requirements by analyzing existing CC code.
* Involved in design and Drawing UML diagrams such as use cases, sequence diagram.
* Attaching Unit Test case document while raising pull request using GIT.
* RAML definition for Mule API’s

**Environment and Connectors:**AnyPoint Studio, Mule3.5, VBA macro, Java, Bitbucket, JMS ,FTP, File Connectors.

**Capgemini - Hyderabad ,India Sep 2014 – Feb 2017**

**Continental North America (CNA)**

**Role: Guidewire Integration Developer,Java Developer**

**Description:** Guidewire Product allowed CNA to create different line of Businesses. Initially started with LOB LifeScience and later expanded to Workers compensation, Umbrella, Commercial Auto. Worked on Claim Center and Policy center Integrations.

* Create a standard wrapper request based API that lets you pass in standard XML payload with an Action verb to inbound service that then decides which vendor API to be invoked
* Create a wrapper SOAP service with different operations that lets you access the Internal database.
* Create Inbound wrapper SOAP services for all internal services.
* Produce soap webservice. Create DTO to structure complex xml payload, map the respective payload to Guidewire Entity using transactions.
* Experience financial API to create payments, recovery, recovery reserve, reserve.
* Experience in using BeanIO to convert Gosu DTO to csv.
* Experience in using Jackson API module to transform Gosu DTO to json payload and response json to DTO.
* Experience in consuming Soap WSC webservices to send or receive claim center data.
* Experience in implementing Event Messaging to send payload through Event fired rules and acknowledge the respective message as positive or negative.
* Involved in code merging of different LOB’s.
* Completed Gunit test cases at the end of every story.
* Create Quick Claim FNOL using claimApi given by ootb.
* Sort the response documents as per the given request.
* Implemented claim number generation plugin as per the given requirement.
* Implemented Document Notification Plugin and implement respective abstract methods.
* Exposed soap service to notify incoming document.
* Create custom TypeList to implement lookup tables.

**Responsibilities:**

* Develop inbound and outbound webservices using Spring and Apache CXF.
* Save the inbound records to integration Database.
* Developed **POC** based on the documented client requirement to get **approval** from **Client Manager**.
* Participated actively in **daily scrum meetings**.
* Create custom entity files as per the requirement.
* Worked on Mergingprojects regularly since multiple LOB used to work simultaneously.
* Created ADMIN **PCF** files to display internal records created for each claim update.
* **Worked** on creating validation rules.
* Took care of Code Review, Code Fixes and bug Fixes.
* **Addressed** Critical defects by providing suggestions for a quick fix by analyzing logs.
* Used **GIT** for **version control** and **Jenkins** for continuous **integration**.
* Created **test data** for **Business users, Personal users, Commercial users** to test **validate requirements**.
* Actively participated in all the **business meetings** for freeing the **requirements** and **expressing** my views on various ideas.

**Environment**: Guidewire ClaimCenter8.0, Spring Core,Apache CXF,Java, Mysql, SVN.

**EDUCATION**

* **Bachelor of Science in Electronics and Communication Engineering**  Mar 2009

KL University Vijayawada, India

* Master of computer science Engineering Mar 2014

SRM University Chennai,India

**CERTIFICATIONS && Achievements**

* Certified MuleSoft MCD Level1 developer.
* Guidewire10 Certified Integrated Professional.
* Guidewire Certified Claim Center Professional.
* Solved over 50 problems in **HackerRank** coding platform with id rnalam.