**Mallikarjuna M **

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**Professional Summary:**

* Overall 4 years of experience and having 3 years of experience in design and development using Java Web Based, Database applications including Mule Soft developer and strong experience in Object oriented programming.
* 2 years of experience in integrating the systems using Mule ESB.
* Mule Soft Certified Developer (MCD)
* Extensively worked on Mule architecture including **Mule ESB, Any point studio, API kit, API Gateway, Flow and various Connectors**.
* Hands on Experience in using Mule Connectors like **FTP, FILE, SFTP, IMAP, Salesforce, Net Suite** etc. as part of Integration Usage.
* Extensive experience in designing, developing and managing APIs using Mule API gateway/portal.
* Experienced trouble shooting **Mule ESB**, including working with debuggers, flow analysers and configuration tools.
* Developed Mule flows to integrate Data from various sources into Database from **ActiveMQ** topics and queues some transformations were also done at the Integration Layer.
* Experienced in **Writing & Reviewing Test Cases** w.r.to functionalities, risks and expectations.
* Detecting Defects, classifying them based on Severity and Priority and Defect Reporting & Tracking.
* Involved in practicing **RTM (Requirement Traceability Matrix) for Test Cases**.
* Participated in Test Estimations using Functional Point estimation techniques, use case-based technique
* Well versed in Executing, Debugging and Finding the issues in Script.
* Efficient in creating different types of Relative **XPATH** for locating dynamic elements.
* Extensively used Mule Components that **include Data weave, File Transport, SMTP Transport, FTP/SFTP Transport, JDBC Connector and VM**.
* Configured different Mule connectors like **HTTP, Database, Net suite and Salesforce**.
* Experienced in database systems like **Oracle and MYSQL Server** to manage tables and created views, indexes, sequences, stored procedures.
* Experience in providing analyzing and testing support after getting issues in the project code.
* Actively involved in each phase of Software Development Life Cycle (SDLC) Requirements, Design, Implementation, and Testing during the development of the application.

 Developed **REST APIs** with RAML using **APIKIT Router**.

**Technical Skills:**

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| --- | --- |
| **Mule**  | Anypoint Studio, Mule EE 3.6+,4.2.2 RAML, Dataweave, CloudHub, MMC. |
| **Knowledge Areas**  | Business Requirements Gathering, Design, Development, Testing, Implementation, Production Support. |
| **Java/J2EE Technologies** | Java, JDBC, Spring 3.x, JMS. |
| **Web Technologies** | XML, XSLT, JAXB. |
| **Application Servers** | Mule Standalone Server, WebLogic 10g/11g/12c, JBoss 5x/6x, and Apache Tomcat. |
| **Databases** | MY SQL, Oracle, MS SQL Server 2008. |
| **XMLTechnologies** | XML, XSD, XSLT |
| **VersionControllingtools** | CVS, SVN, GIT, Clear Case |
| **WebServices** |  SOAP, REST |
| **IDE** | Anypoint Studio, Eclipse. |
| **OperatingSystems** | Windows, UNIX, Linux |
| **Build**&**OtherTools** | Shell Scripting, Ant, Maven, Jenkins, JIRA. |

**Professional Experience:**

**IBM India Limited, Hyderabad** from OCT **2016 to present.**

**Client: Unisoft Links**

**Project Title: Service Pricing Engine**

**Role: Mule ESB Integration Developer**

**Description:** UMW Toyota Service pricing is the complex framework because of involvement of lot of business rules. This pricing engine needs to evaluate service price considering different aspects such as Vehicle Model, Customer status, Job Type, Local Government Taxation Rules etc. This framework is completely written in Java. It requires good and extensible design rather than complicated J2EE components, which is aptly designed and developed.

**Service Appointment Module**

This module facilitates users to manage Vehicle Service Appointments, Quotations and entire Service lifecycle, until its delivery to the customer.

Below functionalities provided by this module

• Managing Service Appointments

• Resource scheduling for service and tracking the work in progress

• Verifying Service Quality

• Service Invoicing

**My Contribution:**

* Understanding and analyzing the requirements
* Worked closely with sales team and business analysts and performed detailed analysis of business and technical requirements and designed the solution by customizing various standard objects
* AGILE development process has been followed, Experienced with stand-up, Retrospective, Demo, Planning and Code Review meetings.
* Developed the integration flows using a Mule Soft ESB framework.
* Deployed to the private cloud by using RedHatJBoss Fuse
* Created RESTful APIs using MULE-ESB for cleaning up data in the database as part of maintenance process.
* Developed integrations using connectors such as Sales force, Data Base, HTTP, FTP and File AJAX Connectors.
* Involved in creating HTTP inbound & outbound flows and orchestration using XPath using MULE ESB.
* Done with transformers, exception handling, testing & security of Mule ESB endpoint through OAuth.
* Used Data Base Connectors to connect with respective systems using Mule ESB.
* Experience in Any point API platform on designing and implementing Mule APIs.
* Created MULE ESB artifact and configured the MULE configuration files and deployed.
* Involved in functional **domain** discussion
* Client side validation using **Java Script** has been done
* include developing **MUnit** test classes, and performance analysis
* of preproduction releases

**Environment**: Mule ESB, RAML, API Design, Oauth,Active MQ and Mule server, Tomcat server, Eclipse.

**Client:Belgacom, Belgium, Europe**

**Project:Health Services Portal**

**Role: Integration Developer**

**Description:** The Belgacom Group is Belgium's reference provider of integrated telecommunication services. It offers a complete quadruple-play solution that integrates fixed and mobile telephony,Internet.Health Service Portal is a web application which acts as a portal between service providers and service consumers. It has three Modules Consumers (Users), Providers, and Admin.Consumers consumes Health Services in Local Languages. Providers provide the Services.Admin can approve and reject the Consumers and Providers Requests at the time of Signup. English is the default Language. It provides local language support for consumers including Hindi, Chinese, Japanese,Korean, Thai, Arabic and German

**My Contribution:**

* Involved in creating HTTP inbound & outbound flows and orchestration using XPath using MULE ESB.
* Done with transformers, exception handling, testing & security of Mule ESB endpoint through OAuth.
* Used Data Base Connectors to connect with respective systems using Mule ESB.
* Experience in Any point API platform on designing and implementing Mule APIs.
* Created MULE ESB artifact and configured the MULE configuration files and deployed.
* Extensively used Mule Components that include Data Weave, JAXB, File Transport, SMTP Transport, FTP/SFTP Transport and JDBC Connector and VM.
* Developed the services interface to access the core services and provisioning services using Mule ESB 3.7.0
* Configured different Mule Connectors like HTTP, Database, NetSuite and Salesforce.
* Designed and developed enterprise services using RAML and REST based APIs.
* Configuring the Mule process for fetching the data from topic and makes web service calls to the middle tier Mule ESB for processing and put the data on the Cloud hub.
* Used GIT as version controlling tool and maven for Building and deployed Application to Mule On cloud.
* Used Maven for build framework and Jenkins for continuous build system.

**WLAN Cloud Services**

**Role: Integration Developer**

**Description:** WLAN Cloud Services improves the performance and capability of your WLAN network with lifecycle services – planning, WLAN controller, security, assurance, management, and value-added functionality – all accessed from the cloud. Employing a Software-as-a-Service (SaaS) delivery model, the solution delivers both scalability and rapid deployment options, giving you more implementation flexibility while allowing you to pay for services with operational instead of capital expense budgets

**My Contribution:**

* Design, Develop Applications and/Or Frameworks using Mule soft Tool
* Responsible for providing solution For **Mule ESB** setup and integration of various developed mule with the system.
* Perform Analysis, Design, Coding, Testing and implementation, Support activities.
* Perform Unit and Integration Testing Activities
* Develop and maintain project documentation including technical specification, unit test plans, presentations,

user documentations and training materials

* Write MapReduce/HQL program
* Responsible for providing solutions and implementation of Rules Matching Components

**Environment:** Mule ESB, RAML, API Design, Oauth,Active MQ and Mule server, Tomcat server, Eclipse.

Project Name : **Deal wallet**

Client : Deal One, USA

Testing Approach : Manual testing

Role : Test Engineer

Database : Oracle

Tool : Quality Center

**Description:**

Deal wallet is online shopping site. It just acts as a mediator between merchant sites and customers. In our site we display the products, coupons, deals, merchant sites. Products are categorized into 21 categories (like books, computers, electronics, cameras, Gaming and etc...). When we click on particular category the things related to that category only will be displayed. When a customer ready to purchase anything just click on shop now link so that the control will be redirected to that particular merchant site. We have three modules in our project "Deal wallet”.

**Responsibilities:**

* Design the carrier path to team members, assign the tasks, Collecting the Status reports, scheduling the tasks
* Selected the Test Cases for Regression Testing and automated the Test
* Prepared Test plan, Test estimation, Test Strategy, Test Methodology documents
* Analyzing user requirements, developing Test Scenarios, Test Cases Preparation and Review the Documents
* Executed Test Cases and verified actual results against expected results.
* Login the defects in bug tracking tool and verify the defects logged by other teammates
* Identifying the Regression Test cases and go for the automation Testing and POC
* Interacting with Client daily and explain the progress of the project on Daily basis
* Regression testing is implemented at various phases of the development and test cycles.

Project Name : **Year End Begins**

Client : YND, USA

Database : Oracle

 Approach : Manual testing

Role : Test Engineer

**Description:**

The purpose of this project is to introduce the new changes made from Annual Enrolment project to reflect in the next year. The project aims to ensure the Wal-Mart Benefits business unit, delivers accurate yearly plan rollovers and resets, to all its associates. Includes resets for accumulators, compensation and contributions. The YEYB project will includes the transmission of Annual Enrolment information to the vendors in the correct format as well as de-activating (if required) and making necessary changes to the existing plans and activating the new plans. The YEYB project is of high significance because the associate’s employees will not be able to enjoy their benefits without the execution of the project.

**Responsibilities:**

* Prepared Test plan, Test estimation, Test Strategy, Test Methodology documents
* Responsible for Understanding the Requirements and Functional Specifications of the Application
* Responsible for creating, running test cases, and posting defects.
* Discussions with the project team of defining Performance requirements and workload patterns.
* Enhance the Scripts like Parameterization and Correlation of the script.
* Involved in developing monitoring scripts for all the servers participated in the testing.
* Involved in monitoring all the servers at the time of test execution.
* Creating Performance Test and provide adequate supporting information for bottleneck analysis.

**Education: B. Tech** (ECE) from Jawaharlal Nehru technological University at an aggregate of 60% in 2014.

 **Mallikarjun M**