

**Rajeev Makthal**

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**Experience Summary**

* About 10 years of experience in IT Industry mainly in Designing, Developing, Testing and Integrating Components for robust Web-based and client/server software applications
* Strong experience with Mule ESB Development, Mule API, Mule Any Point Studio and Mule Cloud hub.
* Strong application integration experience using Mule ESB with Connectors, transformations, Routing, JMS and Data Transformations using Mule ESB.
* Strong experience in implementing API -led connectivity by creating APIs with a fast approach for connecting and exposing assets.
* Strong experience in managing APIs on a public /private cloud such as CloudHub or on-prem.
* Design and documentation of RAML for collection and retrieval of high volume data.
* Strong application integration experience using Mule ESB with Connectors, transformations, Routing, Exception handling, JMS.
* Experienced in re-engineering, enterprise application integration EAI, Unified Modeling Language UML, Object Oriented Application Design OOAD, performance analysis, optimization and security.
* Hands on experience in Mule soft Expression Language (MEL) to access payload data, properties and variable of Mule Message Flow
* Experienced in developing REST based API using Mule ESB platform.
* Expertise in implementing Service Oriented Architecture (SOA) in SOAP/RESTful web services.
* Built and mentored productive teams of motivated Designers, Developers and Test Analysts
* Worked side by side with Client Business Process Manager Infrastructure.
* Coordinated and assisted Triage and Environment Team to provide stable development environments.
* Excellent communicator; leverage technical, business and financial acumen to communicate effectively with client executives and their respective teams.
* Business strategist; plan and manage multimillion dollar projects aligning business goals with technology solutions to drive process improvements, competitive advantage and bottom-line gains.
* Understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, SCRUM, Waterfall methodologies.
* Experience in working on version control systems like Subversion, and GIT and used Source code management client tools like Visual SVN, Git Bash, GitHub, TFS.
* Extensively worked on Jenkins for continuous integration (CI) and for End to End automation for all build and deployments.
* Experience in working withCloud platforms like Amazon AWS.
* Experienced in branching, tagging and maintaining the version across the environments using SCM tools like GIT, Subversion (SVN).
* Experience in working with Tracking Tools like JIRA.
* Designed the project workflows/pipelines using **J**enkins as CI tool.
* Understanding of the principles and best practices of **Software Configuration Management** (SCM) in **Agile**, **SCRUM**, Waterfall methodologies.
* Experience in working on version control systems like Subversion, and GIT and used Source code management client tools like **Visual SVN**, **Git** **Bash**, **GitHub**, Git GUI.
* Extensively worked on **Jenkins** for continuous integration (CI) and for End to End automation for all build and deployments.
* Experience in working with **Cloud platforms** like **Amazon AWS.**
* Experienced in branching, tagging and maintaining the version across the environments using **SCM** tools like **GIT**, **Subversion** (SVN).
* Experience in working with Tracking Tools like **JIRA.**
* Designed the project workflows/pipelines using **Jenkins** as CI tool.

**Technical Skills**

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| --- | --- |
| **Mule** | Any point Studio, Mule EE 3.4+, RAML, Data Weave, Cloud hub, MMC. |
| **Database** | Oracle DB, SQL Server, MySQL, MongoDB |
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| **SDLC** | Agile, Scrum Waterfall Methodologies |
| **Source control tools** | GIT, SVN, TFS |
| **CI & Provisioning Tools** | Jenkins |
| **Build Tools** | ANT, MAVEN |
| **Bug Tracker & Testing Tools** | JIRA |
| **Languages** | C, C++, SQL, Java/J2EE, .NET. |
| **Web Technologies** | CSS, Servlets, JDBC, JSP, HTML, Java Script, XML, JSON |

**Professional Summary**

**META Platforms Inc. Remote, TX**

**MuleSoft Developer May 2023 – Till now**

**Peoplecore Engineering**

HR projects at META enables its employees and Alumni's to inquire, get help, green card initiations ask and post on various topics through integrating services with many technologies.

**Responsibilities:**

* Worked on creating system design documents, Solution designing and development.
* Extensively worked major connectors like ftp, sftp, Database, FTP, SFTP, Salesforce, AnyPoint MQ, data weave transformations, filters, flow controls such as choice, scatter-gather.
* Integrated services with Workday Salesforce via MuleSoft.
* Used pub-sub model to sync data between Workday and Salesforce
* Implemented RESTful services best practices and error handling.
* Implemented client ID and client secret on all mule application layers securing the APIs.
* Integrated Mule apis with DocuSign to upload Employee documents
* Created rules engine to re-use logic as per the business requirement.
* Created MUnit test cases for all the flows following company’s code coverage standard.

**Technical Platform**

**MuleSoft Anypoint Platform, MuleSoft Runtime 4.4.0, API Manager, Runtime Manager, API Kit Router, REST JSON, RAML, Salesforce and Workday.**

**Dave and Buster’s & Main Event Coppell, TX**

**MuleSoft Lead & Developer Aug 2022 – April 2023**

**Reservation Booking System**

Main Event enables customers to book the reservation, parties, group events, and selling fun cards.

**Responsibilities:**

* Involved in requirements gathering, analysis, design planning, effort estimations, development, and testing.
* Created documentation in work assignments such as program code, and technical documentation.
* perform code reviews and provide constructive feedback to team members on improvements.
* Worked with BA on creating user stories, assigning them to developers.
* Worked on different end systems like Salesforce, Azure transferring data from source to object.
* Integrated mule services with SAP for processing purchase orders, invoices, budget checks.
* Used SAP synchronous remote function call to transform JSON to XML schema mapping.
* Worked on ODATA services, consuming the ODATA services from SAP S4 HANA platform.
* Consumed ABAP Proxy’s services to integrate with SAP PO using Restful services.
* worked on website re-work supporting data required and Integrated Mule with different end-systems.
* Created test plans and documentation for testing team to perform regression testing using Postman.
* Troubleshooting production issues and fixing in time and deploying to production.
* Collaborated with DevOps on CI/CD best practices and setting up application pipeline.
* Reviewed application architecture on sizing of the application on CloudHub.
* Implemented RESTful services best practices and error handling.
* Worked on implementing OAuth 2.0 by integrating mule services with external identity provider like Okta openID.
* Implemented client ID and client secret on all mule application layers securing the APIs.
* Implemented HTTP caching policy on the static data consumed by website to avoid repeated traffic to mule app.

**Technical Platform**

**MuleSoft Anypoint Platform, MuleSoft API Gateway, MuleSoft Runtime 4.4.0, MuleSoft Runtime 4.3.0, API Manager, Runtime Manager, API Kit Router, Salesforce, SAP, Azure SQL, REST JSON, RAML, Azure DevOps.**

**Marriott Vacation Club Remote**

**MuleSoft Developer & Lead Mar 2021 – Aug 2022**

**Waitlist Fulfilment Engine**

WFE provides the full orchestration of the Waitlist Fulfillment process between search and Book user experience and the Reservations Inventory Systems of record. The WFE provides the capability which enables multiple items to be held and reserved within a single user experience transaction.

**Responsibilities:**

* Actively involved in technical meetings, requirements gathering, analysis, design planning, effort estimations, development, and testing.
* Developed Rest API’s using APIKIT ROUTER.
* Developed transformation using Data weave in Any point Studio.
* Created appropriate documentation in work assignments such as program code, and technical documentation.
* Created RAML specifications for different entity creations and respective associations.
* Collaborated with architecture team in devising the best architecture and designs.
* Worked in analyzing the requirements for data exchange between applications to enhance its performance.
* Integrated Mule with Salesforce to send email notifications for users.
* Debug and resolve operational issues in conjunction with other technical and functional teams.
* Provides guidance and implementation support to both the technical and application teams on systems interfacing with integration platform.
* Created MUnit test cases for all flows as per the company coverage standards.
* Performed the automatic deployment of the projects by using maven builds.
* Bulk updating key values in Hashicorp, enabling successful dry-run process for multiple applications like MuleSoft, SpringBoot and React JS
* Transformation of JSON, XML, CSV and JAVA data using powerful component like Data Mapper and DataWeave.
* Provided production support for all the deployed Mule ESB applications.

**Premera Blue Cross Remote**

**MuleSoft Developer Sept 2020 – Mar 2021**

**Project Interoperability**

In healthcare, interoperability is the ability of different information technology systems and software applications to communicate, exchange data, and use the information that has been exchanged. Data exchange schema and standards should permit data to be shared across clinician, lab, hospital, pharmacy, and patient regardless of the application or application vendor.

**Responsibilities:**

* Actively involved in technical meetings, requirements gathering, analysis, design planning, effort estimations, dev and testing.
* Created Mule flows using End-Point connectors & components using Mule ESB to integrate client/server systems.
* Created RAML specifications for different entity creations and respective associations.
* Worked on developing batch integrations to transfer data in bulk between enterprise applications using MuleSoft Enterprise Service Bus.
* Developed batch applications using for-each, message enricher, until-successful, choice router, private & public flows, exception handling and several other Mule components.
* Created wrapper service for cost estimating to retrieve insurance plan costs to the users.
* Used Kerberos authentication to connect to SQL database to query the data
* Migrated Mule ESB 3.x apps to Mule ESB 4.x and updated all the dependencies.
* Worked on hybrid environment, integrating services between On-prem and CloudHub.
* Created wrapper services on CloudHub which invokes run-time API.
* Implemented security patterns for the API’s
* Enabled two-way SSL enabling the communications between two services successfully.
* Understanding FHIR format data and implementing through RESTFUL API’s.
* Integrating HL7 and MLLP connectors designed specifically for HealthCare data.
* Extensively used API Manager to create proxies and policies.
* Actively involved in end-to-end testing with the clients.
* Used testing tools like Postman and SOAP UI to test and validate the API response.

**Technical Platform**

**MuleSoft Anypoint Platform, MuleSoft API Gateway, MuleSoft Runtime 3.7.3, MuleSoft Runtime 4.3.0, API Manager, Runtime Manager, API Kit Router, SQL database, Kerberos Auth, XML, SOAP, WSDL, REST JSON, RAML**

**IBM Client: Toyota Financial Services Dallas, TX**

**MuleSoft Developer Apr 2020 – Jun 2020**

**Business Enhancements**

Toyota Financial Services helps millions of Toyota customers drive the vehicle of their dreams, with flexible financing and leasing, comprehensive vehicle and payment protection plans, and well-rounded insurance offerings. Over the decades, TFS established strong relationships with customers and dealers that inspires always to strive for quality, convenience, and consistency. The main goal is to deliver exceptional customer service that matches the exceptional quality of Toyota vehicles.

**Responsibilities:**

* Implementing automation of Mule runtime update across on all platforms
* Design and Develop API to retrieve runtime versions using Mule 4
* Testing API with testing tool like Postman
* Managing and monitoring runtime updates on CloudHub and alerting team.
* POC on CI/CD, triggering Mule apps to build and deploy to specified environments
* Involving in Business calls to gather the requirements for setting up infrastructure
* Suggested changes on CI/CD pipeline for a robust and safe deployments

**U. S. Bank San Francisco, CA**

**MuleSoft Developer Jan 2019 – Feb 2020**

**Digital Marketing Analysis**

U.S. Bank is the fifth-largest U.S. commercial bank, holding more than $488 billion in assets. But the U.S. Bank story is about much more than banking. Employees work across departments to help our millions of retails, business, wealth management, payment, commercial and corporate, and investment services. customers across the country and around the world turn their dreams into reality.

**Responsibilities:**

* Worked on Designing, Developing, Testing and Integrating Components for robust Web-based and client/server software applications
* Created API specification using RAML 0.8 and 1.0.
* Application integration with Mule ESB version 3.9 using Connectors, transformers, Routers, JMS and Data Transformations.
* Managing APIs on on-premise servers and migrating applications from git community edition to git Enterprise Edition.
* Design and documentation of RAML for collection and retrieval of high-volume data.
* Used JMS Queue (AMQP) as a source to retrieve transaction messages and routed to different end connectivity systems.
* Developed REST based APIs following API-led architecture connecting to different end systems using Mule ESB platform.
* Created pub-sub pattern with Kafka messaging queue
* Utilized partner WSDL for ESB to **Salesforce** integrations.
* Integrating the salesforce.com with the MuleSoft for connecting applications, data sources and APIs, in the cloud.
* Used Jenkins pipeline for the Continuous Integration and Continuous Deployment.
* Manually deployed applications to on-prem Mule Standalone servers.
* Debugging and troubleshooting by scripting SPLUNK logs.
* Used AppDynamics to perform load and performance testing on Queue interfaces.
* Execution of complex DB queries for multiple server instances like MySQL, MS SQL
* Implementation of Service Oriented Architecture (SOA) in SOAP/RESTful web services.
* Leveraging technical, business and financial acumen to communicate effectively with client executives and their Consumer Business Banking teams.
* Working in agile and waterfall project management methodologies. Known for ability to produce high-quality deliverable that meet or exceed timeline and budgetary targets.
* Code check in and maintaining version control systems like Subversion, and GIT and by using Source code management client tools like GitHub, TFS.
* Co-ordinating with DevOps team configuring Jenkins for continuous integration (CI) and for End to End automation for all build and deployments.
* Updating user stories and assigning JIRA tasks.
* Provided 24/7 production support and solving critical error P1 and P2 tickets.

**Technical Platform**

**MuleSoft Anypoint Platform, MuleSoft Runtime 3.8, Jenkins, SPLUNK, API Kit Router, mySQL database, Salesforce, XML, XSD, SOAP, WSDL, REST JSON, RAML, Adobe Campaign, Mainframes, Microsoft Dynamics**

**Georgia Pacific Atlanta, GA**

**MuleSoft Developer Aug 2018 – Dec 2018**

**GP Packaging –Data Interfaces**

Georgia-Pacific is one of the nation’s leading corrugated box manufacturers. GP manufactures standard corrugated containers, as well as many specialty packaging products, including double- and triple-wall boxes, bulk bins, water-resistant packaging, and high-finish and pre-printed packaging for point-of-sale displays.

**Responsibilities:**

* Involved in requirements gathering with business and understanding the integration needs for various projects.
* Prepared estimates and provided time frames to successfully implement business processes for each project.
* Created integration flow diagrams and mapping documents using Microsoft tools for better understanding of each application.
* Created Service Contracts and exposed to the end clients for each integrated application as per the business requirements.
* Designed and developed re-usable integrated applications as per ESB Standards.
* Created REST based service interfaces using Mule ESB Anypoint Platform and delivered fast, reliable and scalable integration API codes.
* Implemented data transformations using Data Mapper and Data Weave in Anypoint studio.
* Developed flows using Synchronous and Asynchronous Services processing strategies.
* Created flows/sub-flows using various scopes, transformers and routers such as splitter and aggregator in Anypoint Studio.
* Implemented encryption/decryption for client secret and client ID
* Extensively worked on Mule 4, using new error handling, try-catch block and DW 2.0
* Integration of web services with AWS S3
* Created system api which directly talks to Amazon S3 and fetch the data
* Widely used Get, Create, Delete, Lists and Copy objects connector for fetching and deleting data

**Technical Platform**

**MuleSoft Anypoint Platform, MuleSoft Runtime 4.0, API Manager, Runtime Manager, API Kit Router, mySQL database, XML, XSD, SOAP, WSDL, REST JSON, RAML, Java**

**Cenlar FSB Ewing, NJ**

**MuleSoft Developer Mar 2018 – Aug 2018**

**DFC Workflow**

Cenlar is the country’s leading mortgage subservicing company, serving banks, thrifts, credit unions, mortgage companies, and other participants in the financial industry. DFC project is to reduce efforts put by employees by implementing and integrating web services to Bizagi.

**Responsibilities:**

* Working with the business and gathering requirements for the workflow.
* Designed and developed the data validation integration interfaces.
* Developed Rest API’s using APIKIT ROUTER.
* Developed transformation using Data weave in Any point Studio.
* Used Scatter-Gather, scopes and filters for processing certain files following with a naming convention.
* Implemented custom aggregation strategy for scatter gather for an application which processes flow without throwing an exception in case of failure caused.
* Used File, FTP, SFTP file connectors to move files from one location to another secured location.
* Implemented OAuth token enforcement policy with Bearer ping token and encryption of complex data such as Client ID and Client Secret.
* Designed and developed re-usable integrated applications
* Strong knowledge of SOA concepts and technologies (SOAP, WSDL, XML, XSD, REST, JSON).
* Implemented encryption/decryption, authentication for various integrated applications.
* Created flows/sub-flows using various scopes, transformers and routers such as splitter and aggregator in Any point Studio.
* Implemented error handling by using exception strategies and generated exception alerts.
* Created Groovy scripts to throw an exception based on the response from the stored procedure.
* Implemented SOAP services calling through SOA layer
* Involved in business requirements to design and develop more effectively
* Implemented Cache to various flows.

**Technical Platform**

MuleSoft Anypoint Platform, MuleSoft Runtime, API Manager, Runtime Manager, OAuth, API Kit Router, SQL database, XML, XSD, SOAP, WSDL, REST JSON, RAML, Java

**Lincare Clearwater, FL**

**Mule ESB Developer Mar 2016 – Dec 2017**

**LITE Integration**

This project is to integrate American Home Patient (AHOM) with Lincare, which was recently acquired. Lincare is provider of oxygen and other therapy services to patients at home. Responsibilities include identifying the better systems of the both, understand the integration difficulties and the approaches to resolve issues with the data integration of AHOM and Lincare.

**Responsibilities**

* Involved in requirements gathering with business and understanding the integration needs for various projects.
* Prepared estimates and provided time frames to successfully implement business processes for each project.
* Created integration flow diagrams and mapping documents using Microsoft tools for better understanding of each application.
* Created Service Contracts and exposed to the end clients for each integrated application as per the business requirements.
* Created SOAP and REST based service interfaces using Mule ESB Anypoint Platform and delivered fast, reliable, and scalable integration API codes.
* Implemented data transformations using Data Mapper and Data Weave in Any point studio.
* Developed flows using Synchronous and Asynchronous Services processing strategies.
* Created logging as service framework to log all the application logs in centralized location.
* Manually deployed applications into Mule Soft Cloud Hub.
* Performed the automatic deployment of the projects by using maven builds.
* Used various testing tools such as Postman, Soap UI, REST Console and Jenkins.
* Created REST API's using RAML and developed flows using APIKIT Router.
* Developed applications to integrate with Amazon Web Services [AWS].
* Created test cases as per the requirements and worked with automation and manual testing teams as needed.
* Coordinated with various development teams and the testing teams for end-to-end testing in various environments.
* Provided Production Support for all the deployed Mule ESB applications.
* Created python scripts to generate log reports for business.
* Involved in code reviews and peer reviews.
* Good programming skills and experienced in troubleshooting Mule ESB applications
* Strong Knowledge on Mule soft including Mule Runtime Manager, Connectors and API Manager.
* Experienced in Agile and Waterfall methodologies.
* Involved in all the phases of the project life cycle.

**Technical Platform**

MuleSoft Anypoint Platform, MuleSoft Runtime, MuleSoft Cloudhub, MMC, RabbitMQ,API Manager, Runtime Manager, XML, XSD, SOAP, WSDL, REST JSON, RAML, Java

**General Motors Financial Company, Inc., Arlington, TX**

**Mule ESB Developer May 2014 – Mar 2016**

**Centralized Assets Remarketing System (CARS) Phase-1**

General Motors Corporation designs, builds and sell cars, trucks, and automobile parts globally. This company also provides automotive financing services through general motors' Financial Company, INC (GM Financial). In this financials wing, they started using TIBCO for the first time. Now it is using MuleSoft to integrate all these systems. As a part of integration various RESTful APIs have been designed and implemented by using MuleSoft.

**Responsibilities:**

* Designed and developed the data validation integration interfaces for various projects.
* Developed Rest API’s using APIKIT ROUTER.
* Developed transformation using Data weave / Data mapper in Any point Studio.
* Created appropriate documentation in work assignments such as program code, and technical documentation.
* Collaborated with architecture team in devising the best architecture and designs.
* Worked in analyzing the requirements for data exchange between applications to enhance its performance.
* Worked with functional and business customers to determine solutions that drive additional business value.
* Debug and resolve operational issues in conjunction with other technical and functional teams.
* Will analyze and amend software/configuration errors in a timely and accurate fashion and provide status reports when required.
* Provides guidance and implementation support to both the technical and application teams on systems interfacing with integration platform.
* Assist and oversee the delivery of special projects and enhancements, planning, resourcing and execution with compliance in scrum methodologies.
* Provided production support for all the deployed Mule ESB applications.
* Performed the automatic deployment of the projects by using maven builds.

**Technical Platform**

Anypoint Studio, Cloudhub, Mule Management Console, RAML, Salesforce Connectors, APIKIT Router,Data mapper, Data weave, SQL and Oracle database.

**NetLinx, India Hyderabad, India**

**Software Engineer June 2012 – Jan 2014**

**Description:**

Involved in design and development of online banking application that allows customers to manage their accounts, pay bills and also access financial and business solutions like capital management, cash management, mortgage lending, investment banking and online brokerage services.

**Responsibilities:**

* Designed client-side validations using JavaScript and server side validations using JSP and Servlets.
* Developed Servlets to access the database using JDBC for Oracle 8.1
* Coded server side using Java Servlets and JSP for updating of balances and also for sending the request to the database, adjustment of balances and giving back the updated balance for the customers
* Worked with HTML, XML and JavaScript user interfaces.
* Performed unit testing and fix bugs reported by QA Team.