**Kiran Thiruveedhula**

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**MuleSoft ESB Developer**



**PROFESSIONAL OVERVIEW**

* 8+ Years of Experience in analysis, design and development of enterprise applications using Cloud hub, Mule ESB, Oracle SOA Suite, Oracle Service Bus, Java/ J2EE and Database technologies.
* Experience in MuleSoft ESB, Mule API manager, RAML, Anypoint Studio, Anypoint Cloud - Hub and API Gateway Management.
* Experience in designing and development of System APIs, Process APIs and Experience APIs using Mule Connectors, Mule Flows and implementing API led connectivity Architecture.
* Good hands-on experience using connectors like Salesforce, File, Database, JMS, SMTP, AMQP, HTTP, SOAP, CXF and other connectors as a part of integration usage.
* Develop Mule Flows using Endpoints, Connector, Transformers using Mule ESB to communicate Client and Server systems.
* Experience in Configuring Managing MuleSoft Any point platform including API Manager, Any point MQ, Runtime Manager, Analytics, Exchange.
* Experience in Creating, Configuring and Managing API Gateway and Managing API Policies, API Versioning.
* Experience in Managing Users, Roles, Security Policies, Certificates, Business Groups Environments, Exchange, Developer Portal.
* Experience in Automating application deployments to Mule runtime using different DevOps tools like Jenkins and Azure DevOps.
* Experience and familiarity building Microservices with Spring Boot; Good understanding of Microservices Architecture.
* Experience in application policies to API as well for managing the security. Also worked with the Proxy settings using the API Gateway for the API’s.
* Understanding of Security/Entitlements and implications and implementations (oAuth).
* Experience with build and deployment tools including Ant/Maven, logging and debugging using Log4j, unit and integration testing using JUnit and MUNIT.
* Experience with automation/integration tools like Jenkins and hands-on knowledge of Source Code Management (Version Control System) tools like GitHub and SVN.
* Good Knowledge of major cloud service providers, like AWS, Azure, Google cloud.
* Experience in Kubernetes to deploy scale, load balance and manage Docker containers with multiple name space versions and good understanding of Open Shift Platform in managing Docker Containers and Kubernetes Clusters.
* Good understanding of Cloud Architectures e.g., SaaS, PaaS, IaaS, and the ability to address the unique considerations of Cloud Computing.
* Experience in server security configurations including SSL certificate installation and configuration.
* Familiarity with networking and related technologies/protocols/services: clustering, load balancing, routing, failover, high availability, TCP/IP, DNS, HTTP/HTTPS, SSH, PKI
* Working experience with cross-functional teams such as Stakeholders, Business Analysts, DBA, Unix, Network, Security, and other teams as required.
* Experience in writing Request for Proposals, Architecture and High-level design documents, Presentations and propose technology alternatives.
* Provide guidance to other team members and participate in improving coding standards and guidelines.

**TECHNICAL SKILLS**

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| **Java & J2EE** | Core Java 1.6/1.7 - Collections, Exception handling, JDBC, JSP, Java Beans |
| **Web technologies** | Web Services, Shell Script, JSON, XSD, XML. |
| **Mule ESB** | Any point Studio, MMC, Mule Runtime 3.x & 4.0, RAML 0.8 & 1.0. |
| **Web/application Servers** | Tomcat 5.x / 6.x, WebLogic 8.x/9.x/10.3.3, WebSphere 8.1 and JBoss 3.x.x / 4.x.x |
| **Version Control Tools** | GIT, GITHUB, SVN, Bitbucket |
| **Data Bases** | Oracle 11g, DB2, SQL Server, MySQL |
| **Monitoring/Ticketing Tools** | Splunk, AppDynamics, RabbitMQ, Google Analytics, Service Now, Jira |
| **Tools** | Toad, SQL Developer, Postman, Advanced Rest Client, RAML, Swagger, Altovo Xml Spy, SOAP UI, SOAP UI Pro, Tortoise SVN, GitHub, DB Visualizer. |
| **Containers, Clusters** | Docker, Kubernetes, OpenShift |
| **Cloud platforms** | Google Cloud, Azure, AWS |
| **IDE Tools** | Any point Studio, JDeveloper 12c/11g, IntelliJ, SQL Developer, Eclipse. |
| **Unit Testing** | Munit, Junit, Mockito |
| **Operating Systems** | Windows, UNIX/Linux |
| **Build & Other Tools** | ANT, Maven |

**EMPLOYMENT HISTORY**

**April 2018 - Till Date Vista Applied Solutions Group Inc MuleSoft Developer**

**Project: Next Gen Forecasting (NGF)**

Client: Cisco

Location: San Jose, CA

**Next Generation Forecasting** is Cisco Internal application which allows sellers to view their opportunity pipeline and manage judge of the forecast they roll up to finance. This Sales IT program is built to enable the following business outcome. Enable a forecasting solution that will manage judge against accountability metrics, have ability to roll up notes for context at opportunity or forecast level, can drill down visibility to opportunities and the annuity stream, and be fully automated to reflect focus on recurring revenue growth and productivity gains.

**Responsibilities:**

* Working in an Agile Scrum Development environment with frequently changing requirements and actively participating in daily scrum meetings and reviews with biweekly sprint deliveries.
* Participate in requirements gathering sessions with application developers and functional users.
* Create Mule Flows Several Connectors, Components, Transformers, filters, and flow controls.
* Develop Mule Flows using Endpoints, Connector, Transformers using Mule ESB to communicate Client and Server systems.
* Involve in API design sessions to decide various resources within each API, message schemas, message formats, and authentication.
* Develop RAML documents using Anypoint API Platform. Provide mocking Requests and Responses to business Analysts.
* Developed Common Exception Handling and Common Email Framework.
* Extensively Created a Cron Jobs and Batch Processing Jobs for Processing Records.
* Wrote Custom Java Functions to use in Data Weave.
* Extensively Used Poll, DB, SMTP, Transform Message, Cache, Batch, HTTP Components.
* Used Cache (Simple In memory Object Store) to Store the Token Until it got Expired.
* Develop System APIs, Process APIs, and Experience APIs using Anypoint Studio IDE.
* Developed JSON Schemas and implemented Rest API validations to validate the input request.
* Configured and installed MuleSoft Anypoint platform including API Manager, Runtime 3.9 and 4.3, Anypoint MQ, Management Console, Exchange.
* Configured and Manage API Gateway and Managing API Policies, API Versioning.
* Managing Users, Roles, Security Policies, Certificates, Business Groups Environments, Exchange, Developer Portal.
* Developed Mule applications using for-each, message enricher, until-successful, choice router, private & public flows, exception handling, and several other Mule components.
* Implemented Groovy script in mule flow for configuring the business logic.
* Created M-Unit Test Cases and Mocked the test data for validating the positive and negative scenarios.
* Developed several complex SQL scripts to read and write data into Database.
* Used AMQP Endpoints to connect to RabbitMQ which is a messaging queue.
* Develop Mule Batches which splits messages into individual records, performs actions upon each record, and then reports on the results and potentially pushes the processed output to other systems or queues.
* Develop Mule Batches to Extracting, transforming, and loading (ETL) information into a target system, such as uploading data from a flat file (CSV) to MDM.
* Worked with the performance support team to plan training, documentation, and communication for significant projects or releases.
* Utilized various CI/CD tools like Jenkins, GitHub, and Maven during the development.
* Used Splunk log aggregator to provide reports and dashboards using MuleSoft APIs log data. Used best practices in writing log files consistently across all applications. This helped us create reports and dashboards in Splunk to provide end-users with process monitoring and debugging capabilities.
* Experience in using JFROG Artifactory Repository Managers for builds and storing Docker images.
* Support Design and implementation of the continuous delivery pipeline, using continuous integration, continuous delivery, and automated environment provisioning.
* Support DevOps team with RedHat OpenShift Container Platform for Docker and Kubernetes to manage containerized applications using its nodes, ConfigMaps, node-selector, Services, and deployed application containers as Pods.
* Created SSL KeyStore using java key tool and configure transport layer security for the APIs.
* Provided technical documentation for each application developed in this project.
* Documented best practices that were used in the project. These best practices have been reviewed and adopted as standards for developers to use in future projects.
* Developed a Git workflow during this project that works well with multiple developers and avoids code conflicts.
* Guided 10-member support team in solving complex issues.
* Consulted with engineering team members to determine system loads and develop improvement plans.
* Met with management to provide detailed project reports and milestone updates.

**Environment:** MuleSoft, Salesforce, Web services, Spring boot, JAVA/J2EE, Anypoint Studio, Informatica, MySQL, React JS, Micro Services, Jenkins.

**July 2016 - April 2018 JobsNProfiles Inc Java/ Mule Soft Developer**

**Project: Digital Retailing**

Client: Dealer Track

Location: Utah, UT

**Dealer Track** is the leading provider of on-demand dealership F&I software for the auto industry, specializing in finance advertising, digital retailing, sales. Dealer track DMS gives dealerships the platform they need to grow without the complexity and cost of other systems. Our cloud-based solution transforms your business with simple, connected processes, open integration, and intelligent technology.

**Responsibilities:**

* Involved in requirements gathering, analysis of existing Design Documents, planning, proposing changes by analyzing new Wire Frames, Development and Testing of the application
* Implemented the project under the guidelines of agile methodologies of SDLC.
* Co-authored technical specification documents for the developed modules.
* Worked with an offshore Mule team and collaborating with them on deliverables.
* Participated in daily scrum calls and bi-weekly sprints.
* Designed and developed integration applications using Mule to integrate SAP and Salesforce applications using Mule ESB 3.8 runtime, Any point Studio 6.1 and Cloudhub iPaaS (Integration Platform as a Service).
* Implemented Security Mechanisms like Security Certificates, Key Exchange, Encryption, Description and OAuth Authentication & Authorization using Access Token and SM Session Cookie.
* Used MULE Batch Processing to process records from Database.
* Utilized various connectors such as FTP, HTTP, File, SMTP, SFTP, Salesforce, Quartz, and Database in different workflows.
* Implemented choice, global, custom exception handling mechanisms based on the business requirement in Mule ESB,
* Created new and updated existing APIs using RAML 0.8 and API KIT for defining integration schematics.
* Create flows where request could originate from either side – SAP to Salesforce and vice versa by using two implementations – RFCs and IDoc.
* Utilized the following Mule components extensively for development – Salesforce connector, SAP connector, Choice router, Scatter-Gather router, Expressions connector for plugging in custom Java expressions, Data weave Transformers, etc. And used MEL (Mule Expression Language) to manipulate payloads.
* Built flows for Oracle database where the other teams will use the URL by giving values to the provided parameters.
* Implemented synchronous and Asynchronous messaging scopes using Active MQ in Mule.
* Used Database Connectors to connect with respective systems using Mule ESB.
* Configuring the Mule process for fetching the data from topic and makes web service calls to the middle tier Mule ESB for processing.
* Troubleshot issues detecting in development and testing phase by logging into Salesforce and reviewing data like job ids, custom objects (their fields and relationship with other objects), status of bulk Insert/Upsert batch jobs, etc.
* Created views and some records on Salesforce side to test the flows from Salesforce to SAP end.
* Collaborated with Salesforce and SAP team to write requirements on how different fields and data types on each side would be mapped using Mule service.
* Extensively used Mule Debugger to debug the XML Flows and wrote Munit Test Cases using features like mocking; verify call, and assert conditions based different sets of data, Utilized Jira tool to estimate and track User stories, analyse burnout Graph, Bugs, defects and other features.
* Utilized Postman tool for testing the URLs by using get and post methods selection and used the basic authentication.
* Used SourceTree to commit to GIT and migrated the developed services from GIT to BitBucket
* Utilized Github as the version control system and maintain code repository with changes being done parallel by onshore as well as offshore teams.
* Used Maven for Deployment, Jenkins for Continuous Integration and Continuous Development.
* Worked with Build Teams, did Mule administration, configuration and tuning. Bug fixes on Mule applications on Mule 3.8 On Premise through MMC and managed the server deployments.

**Environment:** Java 1.8, Anypoint Studio 6.5.0,7.3, MS-Access, Mule ESB 3.7.3,3.8.x,4.x, Active MQ 5.3, Apache-Maven 3.5.4, Nexus, RAML, Cloudhub, Log4j 1.2.14, GIT, JIRA, API Gateway2.1, Bitbucket, PostmanConfluence, Jenkins.

**Dec 2014 - May 2016 NYIT Graduate Assistant**

**Project: Entrepreneurship and Technology Innovation Center**

Location: New York, NY

The main purpose of the project was to have additional/enhanced features in the existing client application. The aim was to provide better Reporting and increase the efficiency of processes by converting Manual processes into Clarity Processes and by providing the enhanced reports for business decisions for the selection process.

**Responsibilities:**

* Involved in development process workflows.
* Involved in development workspace customization.
* Involved in configuring proxy and business services in OSB.
* Involved in development of Web Services.
* Involved in development of transactions using spring framework.
* Involved in development of DAO layer and involved in development screen flows.

**Environment:** Oracle SOA Suite 11g, Oracle OSB 11g, Oracle BPM 11g, Oracle, Web services, JAVA/J2EE, SOAP UI pro.

**EDUCATION**

May 2014 **Bachelor’s Degree in Information Technology** from JNTU, Hyderabad

May 2016 **Master’s in Computer Science** fromNYIT, New York, USA