Abhinab Singha
Senior Mulesoft Consultant

PHIDIMENSIONS

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Abhinab is results-oriented and innovative Senior Software Engineer with 7+ years of experience and a certified Mulesoft Developer with expertise in application design, development and support of application using MULE ESB. Currently working in latest versions of mule i.e Mule Studio Version 7.14.0 and Mule Server Runtime version 4.4.0. Experienced in flow design and development in AnyPointStudio, MuleSoft API development, Data Weave Transformation Language, JSON, and REST based web service development.

Abhinab delivered 7 major integration projects as per the expected timelines.

Easily communicates complex technical requirements to non-technical stakeholders. Excellent leadership record of leading development teams in enterprise-wide development projects.

Highlights

- Anypoint Platform
- Anypoint MQ
- Anypoint Studio
- Cloudhub 1.0
- Mule 4
- RAML
- Dataweave
- Munit

Expertise

- MuleSoft
- Azure Repo
- Azure Boards
- Microsoft Excel
- Microsoft PowerPoint
- GIT
- Postman
- WinSCP
- Azure File-Share
- SQL / Oracle DB
- SFTP

Experience

Senior Mulesoft Consultant
PhiDimensions Pvt. Ltd.
Since Feb 2025

1) Project : Senske Lawn & Tree LLC

Duration - 5months

Project Overview

The project was executed in two major tracks:

- **Bidirectional Sync** – Designed and implemented seamless integration between Amazon Redshift Database, Salesforce, and Real Green Application, ensuring smooth data flow across platforms.
- **Automation Migration** – Focused on migrating automation processes related to Salesforce Object synchronization between the database and Salesforce, enhancing efficiency and reducing manual intervention.
- This initiative aimed to streamline business operations, improve data accuracy, and enable real-time synchronization between critical enterprise systems.

Key Responsibilities & Contributions

Integration Development:

- Built MuleSoft applications to establish bidirectional sync between Amazon Redshift DB, Salesforce, and Real Green App, ensuring reliable and consistent data exchange.
- Designed and implemented automation workflows for Salesforce Object synchronization, reducing dependency on legacy processes.

Application Development:

- Developed an email automation application that fetched quarantine records from the database and sent them as attachments to business stakeholders, improving visibility and communication.
- Created a process to generate CSV files of synced records and upload them to Amazon S3 buckets, enabling secure storage and easy access for downstream systems.

Data Handling & Transformation:

- Implemented logic to pick Salesforce objects from the database and update them back into Salesforce, ensuring data consistency across platforms.
- Applied best practices in data mapping, transformation, and error handling to maintain high-quality integrations.

Business Impact:

- Enhanced operational efficiency by automating repetitive tasks.
- Improved data reliability and reduced manual errors in synchronization processes.
- Delivered scalable integration solutions that supported business growth and streamlined IT operations.

Language

Certifications

- **Mulesoft Certified Developer Level 1**
- **MuleSoft Integration Associate**
- **Solace Certified Solutions Consultant**

1) Project : CastleLake

Duration - 23rd June till 12th Sep

- Developed and enhanced MuleSoft applications in alignment with detailed design documents and business requirements.
- Delivered two new integrations for MUFG and Legal-Tracker, successfully deployed during the first phase of production go-live.
- Led the upgrade of all existing applications to CloudHub 2.0 and Java 17, ensuring compatibility and performance optimization.
- Conducted rigorous post-upgrade testing to validate application stability and functionality across environments.
- Implemented Anypoint MQ across the application landscape to enable robust asynchronous messaging and decoupled architecture.
- Performed end-to-end testing to ensure seamless integration and message flow post MQ implementation.
- Successfully executed two phases of Production Go-Live with zero post-deployment issues.
- Provided deployment support and validation to ensure smooth transition from staging to production environments.
- Conducted comprehensive functional and regression testing post-upgrade and post-MQ implementation.
- Collaborated with QA teams to ensure all applications met performance and reliability benchmarks.

2) Project : Blue Shield of California

Duration - 10th March till 22nd May

- Designed 6 key applications as part of a Boomi to MuleSoft migration initiative, working closely with business stakeholders to gather requirements and project-related specifications.
- Supported a senior developer in the development, testing, and production deployment of 12 applications.
- Coordinated with cross-functional teams during System Integration Testing (SIT) and User Acceptance Testing (UAT) to troubleshoot and resolve connectivity and data transformation issues.
- Contributed to the successful deployment of 12 applications (6 designed, 6 supported) to production within the stipulated timeframe.
- Utilized data processing tools such as Dataweave to enable efficient data analysis and transformation throughout the project lifecycle.
- Collaborated with business and technical teams to assess existing integration landscape and define migration scope and strategy.
- Ensured adherence to API-led connectivity principles and best practices for MuleSoft integration design.
- Facilitated knowledge transfer and upskilling for team members transitioning from Boomi to MuleSoft.
- Documented architectural decisions, integration patterns, and deployment procedures for future reference and compliance.
- Participated in Agile ceremonies to track progress, identify risks, and ensure timely delivery.

Mulesoft Consultant

Prowess Software Services Pvt. Ltd., Hyderabad
March 2024 - December 2024

- Working as a MuleSoft developer for Infosys and the client is Unilever
- Handling the applications related to Coupa Integrations and coordinating with Business stakeholders for new requirement or enhancement

- Creating solution design pages in Confluence and getting the design approval from Architects
- Develop the application as per the approved/accepted guidelines
- Assist the source and target teams during the SIT and UAT session and make necessary bug fixes as and when received.
- Providing PGLS assistance and project handover to the Support team.
- Assisted in migrating Coupa applications to SAP CPI

Senior Software Engineer

V-Soft Consulting Corporation Pvt. Ltd., Hyderabad

August 2021 - January 2024

- Collaborate with cross-functional teams, including architects, business analysts, and testers, to deliver high-quality solutions.
- Collaborate with stakeholders to gather requirements and translate them into design documents.
- Design and develop robust and scalable integration solutions using the MuleSoft Anypoint Platform.
- Provide support and troubleshooting assistance to resolve production issues and ensure the smooth operation of integrations.
- Delivered 7 major integration projects as per the expected timelines.

Associate Consultant

Microspark Software Solutions Pvt. Ltd., Hyderabad

May 2021 - August 2021

- Stay updated with the latest MuleSoft features, best practices, and industry trends. Participate in daily stand-ups, sprint planning, and retrospective meetings as part of an Agile development process.
- Utilize Dataweave for data transformation and mapping between different formats. Develop and configure APIs, connectors, and transformers to facilitate data exchange and system integration.
- Collaborate with cross-functional teams to gather requirements and design scalable integration solutions using the MuleSoft Anypoint Platform

Trainee Consultant

Microspark Software Solutions Pvt. Ltd., Hyderabad

March 2017 - May 2021

- Diagnosed hardware and software faults quickly and effectively for optimal network operations.
- Communicated with service users, explaining complex technical information with ease and clarity.
- Communicated changes through the platform and followed documentation procedures for each fix.
- Developed standard procedures for testing and validating software.
- Measured software performance using pre-agreed metrics.
- Handled customer concerns and escalated major issues to the supervisor.
- Organized files to support efficiency and traceability.
- Create and execute unit tests to validate the functionality and performance of MuleSoft applications.
- Collaborate with testing teams to perform integration testing and resolve any issues or defects.
- Provide support and troubleshooting assistance to resolve issues and ensure the smooth operation of deployed integrations.

Projects Handled

Project: Boomi to MuleSoft Migration Project

Responsibilities

- Designed 6 key applications as part of a Boomi to MuleSoft migration initiative, working closely with business stakeholders to gather requirements and project-related specifications.
- Supported a senior developer in the development, testing, and production deployment of 12 applications.
- Coordinated with cross-functional teams during System Integration Testing (SIT) and User Acceptance Testing (UAT) to troubleshoot and resolve connectivity and data transformation issues.
- Contributed to the successful deployment of 12 applications (6 designed, 6 supported) to production within the stipulated timeframe.
- Utilized data processing tools such as Dataweave to enable efficient data analysis and transformation throughout the project lifecycle.
- Collaborated with business and technical teams to assess existing integration landscape and define migration scope and strategy.
- Ensured adherence to API-led connectivity principles and best practices for MuleSoft integration design.
- Facilitated knowledge transfer and upskilling for team members transitioning from Boomi to MuleSoft.
- Documented architectural decisions, integration patterns, and deployment procedures for future reference and compliance.
- Participated in Agile ceremonies to track progress, identify risks, and ensure timely delivery.

Project: Coupa Integrations

Responsibilities:

- Take requirements from Business with respect to new integrations for different ECC regions/ Countries.
- Create Solution design based on initial discussion and BRD shared by Business.
- Get the approach approved by Architect, work on the development of the project and support for SIT and UAT and perform necessary bug fixes raised during the same.
- Raise the CR for moving the change to Prod and provide PGLS/ Hypercare monitoring

Project: PO/PR Conversion for Coupa

Responsibilities

- Application developed for converting PO and PR data received from Oracle DB
- Created the Solutions design page with inputs from Architect, InfoSec team, Businesses.
- Extensive use of database connectors as multiple calls were required to be made to Oracle DB and SQL Servers.
- Continuous support provided during SIT, UAT and PGLS period.
- Received appreciation from Business and Partners for delivering project as per the HLE.

Project: Saviynt Coupa Integration

Responsibilities

- Built 4 layered applications to process 'user-data' from Saviynt to Coupa
- Objective was to transform and process the .json user-data received from Saviynt System to Coupa SFTP as .csv file.
- Use of multiple transformations, data-weave functions and AMQ to mitigate the shortfalls in both the source and target systems.
- Create technical design documents for each application developed.
- Supported SIT, UAT and PGLS.
- Provide KT to the BAU team after successful completion of PGLS.

Project: CB Bank Integration

Responsibilities

- Developed application based on the BRD received from Business.
- Objective was to create integration between SAP ECC landscape with CB Bank (Myanmar) and SharePoint.
- Involved in the project from the initial discussions till BAU handover.
- Worked along team of 2 members, multiple business partners and InfoSec team as financial data was to be processed.
- The input file was csv and expected file format was xlsx as per the Bank, was able to achieve the same with Data-weave logic.
- Provided support throughout rigorous testing of SIT and UAT as well as during the PGLS period.
- Completed project within 4 months and handed it over successfully to the BAU team.

Project: MUFG Bank Integration

Responsibilities

- Worked along with functional teams to understand the requirement and provide design approach to be adopted.
- Worked under the guidance of SME and DM, shared HLE and prepared Solution design and got the same approved by the C4E team.
- Attended InfoSec discussions and design discussions with Sr. Architect as PGP encryption of financial data was involved.
- The objective was to process data from ECC SFTP location to Bank SFTP location while encrypting the data.
- Created Technical design documents and manuals for BAU team to refer in future for any issues in production.
- Completed project design and development as per HLE shared and supported for SIT, UAT and PGLS
- Completed project within 3 months, provided KT to the BAU team as per Unilever standards and procedures.

Project: WSS Integration

Responsibilities

- WSS or Wall Street System integration is one of the most critical applications for Unilever
- The application connects with multiple ECC landscapes, Banks SFTP's and WSS File-share
- Working closely with the WSS team to check for any issues related to movement of files and production. As financial data movement happens both to and from the source and target issues needs to be addressed immediately and resolutions to be provided instantly.
- Worked on new requirements form the team and have added 3 new interfaces to the existing application.

Project: Plasma GCP Migration

Responsibilities

- Upgraded single application running in Mule 3.9.2 to Mule 4.4.0 and simplified the same using API led architecture.
- Created the Solutions design page with inputs from Architect, InfoSec team, Businesses and Partners and got the same approved by the C4E team.
- 19 applications were developed as part of this migration.
- Work closely with dev team to deliver the project as per the agreed timelines shared in the HLE.
- Continuous support provided during SIT, UAT and PGLS period.
- Received appreciation from Business and Partners for delivering project as per the ask.