Mulesoft Training

DURATION: 8 weeks

MODE OF TRAINING: Online

LEVEL: Advanced

Introduction

AnnexIT is the best institute offering concentric Mulesoft Online Training to students. The expert trainers here will help students take advantage of real world skills. Our MuleSoft training in Hyderabad, Ameerpet has flexible course schedules that suit working professionals and jobseekers. We train students according to the guidelines of the best trainers. We ensure that the student receives the practical exposure of the course, which helps him to succeed in the interviews. This program will provide students with full practical knowledge of MuleSoft's lifecycle, including design, construction, deployment, management, and governance, to boost the organization's revenues. So be one of the first leaders of the Mule integration platform using our AnnexIT Mulesoft training in Hyderabad. By the end of the course, you will surely gain knowledge of basic and advanced level concepts. The curriculum of this program is specially designed by experts to complement the current requirements of the industry.

Pre-Requisites:

In order to have better knowledge retention of the MuleSoft concepts that are explained in the training program, prior knowledge of the following concepts will be of great help

- Good to have knowledge of JAVA or any object-oriented programming language
- Basic knowledge of web services (SOAP / REST)
- Command to manage data formats such as XML, CSV, and JSON
- Basic understanding of technologies such as HTTP, JMS, JDBC

Mulesoft Course Curriculum

Introducing Anypoint Platform

- Learning what Anypoint Platform is and the problems it can help you solve
- Getting familiar with the components of Anypoint Platform

Building Integration Applications with Anypoint Studio

- Understanding Mule applications, flows, messages, and message processors

- Creating flows graphically using connectors, transformers, components, scopes, and flow control elements
- Building, running, testing, and debugging Mule applications
- Reading and writing message properties
- Writing expressions with Mule Expression Language (MEL)
- Creating variables

Consuming Web Services

- Understanding RESTful and SOAP web services
- Learning about what RAML is and how it can be used
- Consuming RESTful web services with and without RAML definitions
- Consuming SOAP web services

Connecting to Additional Resources

- Connecting to files, databases, and JMS queues
- Connecting to SaaS applications
- Discovering and installing connectors not bundled with Anypoint Studio

Transforming Data

- Getting familiar with the different types of transformers
- Using the DataWeave Transform Message component
- Writing DataWeave expressions for basic and complex XML, JSON, and Java
- Using DataWeave with data sources that have associated metadata
- Adding custom metadata to data sources

Refactoring Mule Applications

- Separating applications into multiple configuration files
- Encapsulating global elements in a separate configuration file
- Creating and running multiple applications
- Creating and referencing flows and subflows
- Understanding variable persistence through subflows and flows and across transport barriers

Handling Errors

- Handling messaging exceptions in flows
- Creating and using global exception handlers
- Specifying a global default exception strategy

Controlling Message Flow

- Multicasting a message
- Routing message based on conditions
- Filtering messages
- Understanding and creating synchronous and asynchronous flows

Processing Records

- Processing items in a collection individually
- Understanding what batch jobs are and when to use them
- Creating batch jobs to process items in a CSV file or a database
- Restricting record processing to new records

Building RESTful Interfaces with RAML and APIkit

- Understanding the benefits of RESTful APIs and web services
- Using the API Designer to define APIs with RAML
- Implementing a RAML file as a RESTful web service with Anypoint Studio and APIkit

Deploying Applications

- Understanding the options for deploying applications
- Adding application properties
- Deploying and running applications in the cloud
- Deploying and running applications on-prem

Transforming Data with DataWeave

- Transforming Data with DataWeave with Mule 3.7
- Introduction DataWeave
- DataWeave data transforming use cases
- DataWeave integration with Anypoint Studio
- DWL (DataWeave Expression Language)