# **SHUVAJIT DEY**

Software Developer | Integration Developer

MuleSoft | Workato | Java

**Total Experience**: 6 Years

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***Website:***[*/portfolio*](https://iamshuvajitdey.github.io/portfolio/)

## **OBJECTIVES**

* Seeking for a position in a growth-oriented company where I can utilize my skills to the advantage of the company while having the scope to develop my own skills.
* Looking for work life balance and better compensation to lead a better life for me and my family.

## **PROFILE SUMMARY**

* 6 Years of Experience in the IT Industry which includes **6 years** of relevant experience in **MuleSoft**, **2 years** of relevant experience in **Java**, **1 month** of relevant experience in **Workato**.
* Well versed with **Software Development Lifecycle** and its different phases which includes Requirement Analysis, Design Specification, Code Development/Implementation, Testing, Deployment and Maintenance.
* Developed robust, scalable and performant data integrations with MuleSoft.
* Worked on several automation projects using Workato.
* Built a Validation framework using **Java 1.8**
* Worked on **Agile Methodology**.
* Experience in **CICD** projects using tools like Maven, GitHub, GitLab, Bitbucket, Jenkins, Bamboo etc.
* Worked with Relational Databases and well versed with SQL.
* Worked with Project Management Tools like JIRA & Trello and API Testing tools like Postman, JMeter etc.

## **WORK EXPERIENCE**

* **Genpact** (previously Enquero)
  + **Assistant Manager** (previously Senior Software Engineer)
    - Period: September 2022 - Present
    - Base Location: Bangalore
    - Working From: Remote
    - Skills: MuleSoft, Workato
* **IQVIA** (previously Foresight IT Solutions and Consulting India Private Limited)
  + **Software Developer**
    - Period: April 2021 - June 2022
    - Base Location: Bangalore
    - Worked From: Remote
    - Skills: MuleSoft
* **Infosys Limited**
  + **Senior Systems Engineer**
    - Period: July 2020 - April 2021
    - Base Location: Pune
    - Worked From: Pune/Remote
    - Skills: MuleSoft, Java
  + **Systems Engineer**
    - Period: August 2018 - June 2020
    - Base Location: Pune
    - Worked From: Pune
    - Skills: MuleSoft, Java
  + **Systems Engineer Trainee**
    - Period: May 2018 - July 2018
    - Base Location: Mysore
    - Worked From: Pune
    - Skills: Java

## **PRIMARY SKILLS**

* **MuleSoft**
  + Worked extensively in MuleSoft and developed multiple integrations and APIs.
  + Followed API-led connectivity to implement Experience, Process and System APIs.
  + Well Versed with the concept of the operating model called C4E and also experienced in working on the same model.
  + Utilised Design Centre to write API Specifications using RAML. Used API Fragments to write re-use Traits, Resource Types, Data Types etc.
  + Used Anypoint Studio to implement Mule Applications. Extensive experience in working with connectors/components like Flow, Sub-flow, HTTP, Logger, Scatter-Gather, Files, Databases, Batch Processing, Object Store, Salesforce Connector, Salesforce Composite Connector, JMS, Anypoint MQ, LDAP, Web Services, Scheduler, API Auto Discovery etc.
  + Worked with Secure Configuration Properties and AWS Secret Manager.
  + Extensively written DataWeave Scripts for data transformation in Mule Applications.
  + Worked with Logger, Error Handler and MUnits.
  + Created, published and used Custom Connectors using XML SDK.
  + Worked with API Runtime Manager to deploy and manage mule applications on CloudHub.
  + Worked with API Manager to apply security policies like OAuth, Client ID Enforcement, JSON Threat Protection Policy, Rate Limiting, IP Allowlist etc.
* **Workato**
* Created several recipes and well versed with the related components like application connections, triggers, actions etc.
* Well aware of the concepts of Data Type, Data Mapping and Data Pills
* Knowledge on formulas and its different utility functions.
* Well aware of Jobs and Job reports
* Good knowledge on if, else and repeat actions like for-each and do-while
* Worked with Lists by Workato and several list formulas
* Experience in working with Lookup tables and Variables by Workato
* Experience in Error Troubleshooting and logging
* Worked with CSV Tools, Recipe functions, Batch/Bulk Processing, Databases, Collections, HTTP Connector etc.
* Worked with API Platform and API endpoints
* Worked with Custom Actions
* **Java Programming**
  + Developed and maintained applications using Java 1.8.
  + Demonstrated proficiency in writing clean, efficient, and backward-compatible code.
  + Successfully interfaced Java applications with relational databases using JDBC.
  + Designed and executed SQL queries, managed database connections, and handled result sets.
  + Created comprehensive JUnit test suites to validate code functionality, ensuring robustness and reliability.
  + Pioneered the development of a custom validation framework within the project.
  + This framework streamlined input validation, error handling, and data integrity checks.
  + Deep understanding of object-oriented programming (OOP) principles
  + Applied these concepts to create maintainable and extensible code.
  + Proficiently used Java's collection framework and leveraged appropriate collections based on use cases (e.g., fast retrieval, uniqueness, sorting).
* **C Programming**
  + Well versed with the concepts of variables, data types, constants, Booleans, operators etc.
  + Written several programs using control if, else, if-else, switch statements.
  + Good knowledge on loops like while, do-while and for loops.
  + Used Arrays, Strings and Pointers in programs.
  + Well versed with the concepts of functions, files, structures, enums etc.
  + Good Knowledge on memory management and functions like malloc(), calloc(), realloc(), free() etc.

## **OTHER SKILLS**

Programming Languages : *C, Java*

Query Languages : *SQL, SOQL*

Frontend Technologies : *HTML, CSS*

Data Representation : *JSON, XML, JavaScript, Bootstrap, Tailwind CSS, React JS*

Development Tools : *Maven, Gradle*

Version Control Systems : *Git (GitHub, GitLab, Bitbucket)*

Continuous Integration/Continuous Deployment (CI/CD) : *Jenkins, Bamboo, SonarQube*

Testing Tools : *Postman, JMeter*

Project Management and Issue Tracking : *Jira, Trello*

## **PROJECTS**

* **Orchestra-Salesforce Integration**

*Period: February 2024 - June 2024*

*Client: Macquarie*

*Location: Remote*

*Description: Orchestra being an ERP System in Macquarie needed to sync its cases in real-time with Salesforce systems. The challenge for them was to manually sync the data between the two systems. We automated the manual effort between Orchestra and Salesforce Systems using MuleSoft.*

* + Role: Technology Lead
  + Responsibilities: Led the MuleSoft team to achieve client goals as per the business requirements
  + Technologies Used: MuleSoft, Orchestra
  + IDE/Tools Used: AnypointStudio, Bitbucket, Bamboo, Apache Maven, Postman, JIRA, Splunk
  + Servers Used: CloudHub
* **Cisco SalesConnect**

*Period: August 2023 - February 2024*

*Client: Cisco*

*Location: Remote*

*Description: Cisco SalesConnect is an internal product of Cisco which provides a single point of access to quickly and easily find sales collateral, proposals, and more. These details were documented using text, images, videos, links etc. We integrated this system with Salesforce, LDAP, Database etc.*

* + Role: Technology Lead & Integration Developer
  + Responsibilities: Led MuleSoft team to achieve client goals and involve in development to integrate Salesforce, LDAP etc.
  + Technologies Used: MuleSoft, Salesforce, LDAP
  + IDE/Tools Used: AnypointStudio, GitHub, Apache Maven, Postman, JIRA, Splunk
  + Servers Used: CloudHub
* **Salesforce-Fenergo Integration**

*Period: October 2022 - June 2023*

*Client: Macquarie*

*Location: Remote*

*Description: Fenergo being a system which helps banking and financial institutions to streamline customer journeys with automation. Fenergo managed the customer lifecycle management including Client Onboarding, Legal Entity Management etc. Macquarie introduced a new system in salesforce with fresh UI for Customer Lifecycle Management and wanted to synchronize the data between the two systems keeping both the system active for onboarding. The challenge was to manually sync the data between the systems. We used MuleSoft to integrate Salesforce with Fenergo to achieve this.*

* + Role: Technology Lead
  + Responsibilities: Led the MuleSoft team to achieve client goals as per the business requirements
  + Technologies Used: MuleSoft, Fenergo
  + IDE/Tools Used: AnypointStudio, GitLab, Apache Maven, Postman, JIRA, Splunk
  + Servers Used: CloudHub
* **IQVIA Vigilance Platform**

*Period: April 2021 - May 2022*

*Company/Organization: IQVIA*

*Location: Remote*

*Description: IQVIA Vigilance Platform is an integrated, comprehensive cloud-based platform built to simplify safety and pharmacovigilance processes while boosting speed, accuracy, and efficiency. It automates intake, reporting and submission, improves data accuracy. The solution easily scales to address safety challenges by companies of all sizes and is continuously improved with no costly, disruptive upgrade projects. We used MuleSoft to integrate this system with Databases, published and consumed data on MQs etc.*

* + Role: API Developer
  + Responsibilities: Design, build, test, deploy, manage, integrate, orchestrate Mule APIs.
  + Technologies Used: Mule, Snowflake DB
  + IDE/Tools Used: AnypointStudio, GitLab, Apache Maven, Postman, SonarQube, JIRA, Splunk
  + Servers Used: CloudHub
* **Project Pandya**

*Period: February 2020 – April 2021*

*Client: HSBC*

*Description: This project implements the China data localization under the rules and regulations of CBIRC (China Banking and Insurance Regulatory Commission). This service keeps a lot of China related commercial payment data to be stored in China servers without exposing them to other countries.*

* + Role: API Developer / POD Lead
  + Responsibilities: Design, build, test, deploy, manage, integrate, orchestrate Mule APIs.
  + Technologies Used: Mule, Java, DB2
  + IDE/Tools Used: AnypointStudio, Eclipse, SQL Developer, RAD, GitHub, Apache Maven, Postman, Jenkins (Continuous Integration and Continuous Deployment), SonarQube, JMeter, JIRA, Splunk
  + Servers Used: Pivotal Cloud Foundry
* **Bill Payments**

*Period: April 2019 - February 2020*

*Client: HSBC*

*Description: The Bill payment service allows you to make online payments to bills from vendors and creditors from your account. It allows you to add billers and pay for a new bill, even if not registered earlier.*

* + Role: API Developer
  + Responsibilities: Design, build, test, deploy, manage, integrate, orchestrate Mule APIs.
  + Technologies Used: Mule, Java, DB2
  + IDE/Tools Used: AnypointStudio, Eclipse, SQL Developer, RAD, GitHub, Apache Maven, Postman, Jenkins, SonarQube, JMeter, JIRA, Splunk
  + Servers Used: Pivotal Cloud Foundry
* **Payment Services Directives 2 (PSD2)**

*Period: June 2018 - April 2019*

*Client: HSBC*

*Description: PSD2 is the second Payment Services Directive, designed by the countries of European Union. It affects everything from the way we pay online, to what information we see while making a payment. It creates a single market for payments.*

* + Role: API Developer
  + Responsibilities: Design, build, test, deploy, manage, integrate, orchestrate Mule APIs.
  + Technologies Used: Mule, Java, DB2
  + IDE/Tools Used: AnypointStudio, Eclipse, SQL Developer, RAD, GitHub, Apache Maven, Postman, Jenkins, SonarQube, JMeter, JIRA, Splunk
  + Servers Used: Pivotal Cloud Foundry

## **CERTIFICATIONS**

* **Automation Pro III**
  + Issued by **Workato**
  + Valid till December 2025
* **MuleSoft Certified Developer – Level 1**
  + Issued by **MuleSoft**
  + Valid till December 2024
* **Automation Pro II**
  + Issued by **Workato**
  + Valid till November 2024
* **Automation Pro I**
  + Issued by **Workato**
  + Valid till November 2024
* **MCD – Integration and API Associate**
  + Issued by **MuleSoft**
  + Valid till September 2021

## **TRAININGS**

* **Hewlett Packard Enterprise**
  + Skills Trained on: Core Java
  + Period: 8th July 2016 - 6th August 2016
  + HPE Summer Training Nodal Centre, Kolkata
  + Grade: A

## **EDUCATIONAL QUALIFICATIONS**

* **Bachelor of Technology** (Computer Science and Engineering), 2017
  + University: Maulana Abul Kalam Azad University of Technology (Formerly known as West Bengal University of Technology)
  + College: Bengal College of Engineering and Technology, Durgapur
* **Higher Secondary**, 2013
  + Board: Central Board of Secondary Education, New Delhi
  + School: Mahendra Muni S S Vidya Mandir, Madhupur
* **Secondary**, 2011
  + Board: Central Board of Secondary Education, New Delhi
  + School: Doon Public School, Dhanbad

## **PERSONAL INFORMATION**

* **Gender**: Male
* **Marital Status**: Married
* **Languages Known**: English, Hindi, Bengali
* **Date of Birth**: 7th September 1996