

# Sugandha Tiwari

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## Professional Summary

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- Total 6.5 years of experience in IT industry which includes 3 years of experience in analyzing, developing and testing various interfaces in **MuleSoft**.
- Experience in **Enterprise** and **Community** editions of Mule ESB.
- Worked in **AGILE** methodology in which sprint duration was usually of 2 weeks.
- Expertise in designing and developing **APIs** using RAML.
- Developed applications in Anypoint Studio and deployed, undeployed those applications on **Cloud-hub** as well as **On-premise**.
- Hands on experience integrating multiple applications using Mule ESB. Utilized different connectors, **transformations**, **Routing**, **Messaging** and **Exception handling** using Mule ESB to ensure robust and loosely coupled integration layer every time.
- Good Knowledge on using the Mule Connectors like **HTTP**, **HTTPS**, **FTP**, **File**, **List**, **Amazon DynamoDB**, **IBM MQ**, **Transform Message**, **Email**, **Cloud-hub notification** etc.as a part of developing integration. Involved in unit testing and writing M-unit test cases for the integration flows.
- Experience in CI/CD tools like **Jenkins**.
- Used both **SOAP UI** and **POSTMAN** testing tools to send the request to APIs and tested it manually.
- Working knowledge of **Maven** for project build/test/deployment, **Log4j** for error logging and debugging, **MUnit** for unit and integration testing.
- Developed **Common exception handling JAR** to have uniform exception handling across all APIs.
- Excellent interpersonal and professional communication with the client and within the project.

## Certifications

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- MCD - MuleSoft Certified developer (Mule 4)
- MCD - Integration and API Associate (Mule 3.9)
- Certified with one of the Insurance domain certification i.e. INS24

## Technical Skills

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• Domain	:	Payments, Insurance and Airlines
• Integration	:	Mule ESB (Mule 3 and Mule 4)
• Programming Languages	:	Core Java (Collection Framework, OOPS)
• J2EE Technologies	:	JSP , Servlets , Hibernate Framework
• Database	:	MS SQL SERVER , Oracle 10g
• IDE	:	Anypoint Studio 6.5, 7.4.2, Eclipse, STS
• Markup Languages	:	HTML5 , XML , JSON
• Tools and Utilities	:	WinScp, Postman, Putty, Splunk, Confluence
• Version Control Systems	:	GitHub, SVN
• Project Management Tool	:	JIRA
• CI/CD Tools	:	Maven, Jenkins, Bitbucket

## Work Experience

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Organization	:	Accenture India (Sep 21 – Present )
Project	:	Customer Integration Platform
Client	:	AXA Insurance
Role	:	MuleSoft Developer
Technology	:	Mule 4

### Description:

AXA insurance which is Greater China based insurance firm which offers wide range of insurance investment and retirement solutions. Enterprise integration platform provides a flexible integrating IT solution by simplifying product and processes and facilitate faster processing.

### Roles and Responsibilities:

- Actively involved in all phases of SDLC (Analysis, Design, Implementation, Deployment) for the project.
- Worked on the BO message flatfile creation and connecting to legacy downstream system like PSEA etc.
- Worked on generating Email and Cloud-hub notifications through Mule API's.
- Developed common reusable code for quicker development.
- Developed Process flow diagrams for the different integrations based on the requirement
- Created Mule flows with different components like Transform Message, filters, routers and many others to achieve the required business logic.
- Created M-unit test cases for Mule flows to attain optimal code coverage.

<b>Organization</b>	:	IBM India Pvt Ltd, Pune (June 20 – Sep 21)
<b>Project</b>	:	Enterprise Integration Layer
<b>Client</b>	:	Air Canada
<b>Role</b>	:	MuleSoft Developer
<b>Technology</b>	:	Mule 4

**Description:**

Aeroplan is a loyalty program owned by Air Canada, for its frequent flyer customers. EIP as a middleware is responsible for connecting with various backend systems for maintaining customer profile and for linking, delinking card activities.

**Roles and Responsibilities:**

- Actively involved in all phases of SDLC (Analysis, Design, Implementation, Deployment) for the project.
  - Integrated Mule API's with different bank end profile management systems like Gigya and IFly using Web Service Consumer connector.
  - Worked on generating Email and Cloud-hub notifications through Mule API's.
  - Created Scheduled Jobs for various partners like AMEX, TD bank etc.
  - Developed common reusable code for quicker development.
  - Developed Process flow diagrams for the different integrations based on the requirement
  - Created Mule flows with different components like Transform Message, filters, routers and many others to achieve the required business logic.
  - Created M-unit test cases for Mule flows to attain optimal code coverage.
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**Organization** : Infosys Ltd, Pune (Nov 18 – May 20)  
**Project** : Payments Integration Layer  
**Client** : HSBC  
**Role** : MuleSoft Developer  
**Technology** : Mule 3.9

**Description :**

Payment Integration layer is a project which develops and maintains various layers (Mule Process APIs and System APIs) in New Payment Integration Platform (NPIP) for payment. Main module is Sanctions for UK-Cross border payments which enables consumers to perform Sanction Screening on WOLF through a strategic API.

**Roles and Responsibilities :**

- Worked in developing Process and System API's including data validation, transformation, exception handling and logging.
- Dealt with various types of payment messages like SWIFT MT103, Pain1v8 etc.
- Having good knowledge of RAML.
- Developed restful API's using input/output data formats in XSD for XML and accordingly implementing services using MuleSoft.
- Worked on implementing security for Process and System API's on Anypoint platform.
- Responsible for following coding standards and documentation.
- Worked in Agile Development process for planning, scrum calls and retrospection.

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**Organization** : DXC Technology, Noida (Sept16-Nov18)  
**Project** : ERC Integrator  
**Client** : Samsung Insurance  
**Role** : Product Developer  
**Technology** : Core Java, Hibernate, DOM and SAX parsers

**Description:**

ISO ERC provides implementation level details from ISO actuarial and insurance line experts who write the manuals. It includes rating data from the ISO Commercial Lines Manual that includes premium calculation, forms attachment and validation messages.

**Roles and Responsibilities:**

- Developed the successful ERC module for Samsung Insurance.
- Worked on Automated Maintenance Feed - an XML file that allows for easy importing of ISO changes directly into rating systems.

**Educational Qualification**

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B.Tech In Information Technology from SRMSCET, Bareilly.