



Tarun Sharma

Tech Lead (Mulesoft/Java + Integrations)

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EXPERIENCE SUMMARY

- 13+ years of experience working in a complete development life cycle including requirement analysis, development, testing, deployment, and maintenance.
- Experience working in MuleSoft and Java, a J2EE framework-based web applications.
- Exposure working on an assignment from pre-sales to support by playing multiple roles and responsibilities. Expertise in delivering value added customer services by bridging the gap between business and technical communities.
- Hands-on experience in designing and developing multi-tier applications and integrations.
- API-Led Architecture design, API Security, and ETL integrations.
- Publishing applications on MuleSoft exchange and applying policies.
- MuleSoft Standalone server setup and deployment experience.
- Hands-on experience integrating the Salesforce, Oracle, MySQL, Rest and SOAP APIs, SFTPs etc...
- Strong interpersonal skills and a highly motivated team player with the ability to work independently.
- Ability to quickly learn, problem solving capability and adapt to emerging technologies and paradigms as per needs.
- Experienced in data migration, server setup, CI/CD setup, and deployment activities.

CERTIFICATION

MuleSoft Certified Developer Level 1 (MCD Level – 1)

Liferay 6.2 Certified Professional Developer

WORK EXPERIENCE

AIMDek Technologies Pvt Ltd, Ahmedabad – Tech Lead

July 2014 – Present

CIGNEX Datamatics Pvt Ltd, Ahmedabad – Software Engineer

February 2011 – July 2014

EDUCATION

Bachelor of Engineering (Information Technology) - Hemchandracharya North Gujarat University – JUNE 2006 - JUNE 2010

COMPETENCIES

- MuleSoft 4, MuleSoft 3
- Dataweave 2.0, RAML, YAML
- JMS, JWT, Salesforce
- Data Integration and Cloud Integration, Mule Enterprise Security
- Rest API, XML, JSON
- Java/JEE, JSP, JavaScript
- Liferay, Spring, Spring Batch, Spring MVC, Spring Boot, Hibernate, Struts
- Gradle, Maven
- MySQL, MSSQL, MongoDB, Oracle Database
- Eclipse, Any Point Developer Studio, Spring Tool Suite (STS)
- GIT, CI & CD tools (Visual Studio and Jenkin's), Sonar
- Anypoint API Management, CloudHub, Platform Management
- API Led Architecture
- Object-Oriented Analysis & Design
- Technical Design
- Agile/scrum Waterfall
- Enterprise Applications
- Project Management
- Business Analysis
- Team Management
- Apache Tomcat, SuperSet
- Microservices
- AWS, S3, SES, SNS, CloudWatch
- ActiveMQ, SQS, RabbitMQ

PROJECT EXPERIENCE

Salesforce – CRM Integration for Service Request

The application provides an interface between client's software systems and salesforce. Earlier all dispatch request were communicated through salesforce system to direct respective client CRM and vice-versa. Application is designed with Mulesoft API-led connectivity approach so it can be reused and enable loose coupling. All request are monitored and secured while communicating with other applications.

Responsibilities:

- Requirement Understanding, Team Leading, Peer Code Review.
- Preparing documentation like High-level, Low-level(LLD), Architecture diagrams, TDD.
- Involved in sprint planning, project planning.
- Managing team with prioritizing task and helping to resolve issues.
- Development, Deployment, Code Testing, Sonar Compliance.
- Third party API integrations

Environments:

MuleSoft 4, Dataweave 2.0, Anypoint Runtime Manager, Anypoint Design Center, and Exchange, Visual Studio Team Services, Salesforce, Git, Jira, JSON, XML

ReDesign Existing ETLs and Performance Improvement

Data in Salesforce CRM is increasing heavily over time and affects performance of CRM . To overcome this, We planned to use a staging database and exported data from CRM to database. Existing ETL jobs were synchronous so redesigned to process asynchronously. ETLs will interact with a staging database instead of CRM and update vendor specific data. Daily other ETL jobs will sync data between CRM and staging database. Also ETL jobs data will be stored in a database for auditing purposes and generating reports.

Responsibilities:

- Requirement Understanding, Team Leading, Peer Code Review.
- Preparing documentation like High-level, Low-level(LLD), Architecture diagrams, TDD.
- Involved in sprint planning, project planning.
- Managing team with prioritizing task and helping to resolve issues.
- Development, Deployment, Code Testing, Sonar Compliance.
- Third party API integrations

Environments:

MuleSoft 4, Dataweave 2.0, Anypoint Runtime Manager, Anypoint Design Center, and Exchange, Visual Studio Team Services, Salesforce, Git, Jira, JSON, XML

Loan Management System

Manage things related to Educational Loan, allow customer to apply for loan and automatically validate the things against their documents and check the eligibility for that loan. Integrated the APIs to verify the government documents, payment gateway.

Responsibilities:

- Requirement Understanding, Team Leading, Peer Code Review.
- Preparing documentation like High-level, Low-level(LLD), Architecture diagrams, TDD.
- Involved in sprint planning, project planning.
- Managing team with prioritizing task and helping to resolve issues.
- Development, Deployment, Code Testing, Sonar Compliance.
- Third party API integrations

Environments:

MuleSoft 4, Dataweave 2.0, Anypoint Runtime Manager, Anypoint Design Center, and Exchange, Java, Salesforce, Bulk Processing, Batch Processing, Git, Jira, JSON, XML

Content Authoring Portal

Content Authoring portal for multinational consumer goods companies. Integration platform for the existing systems like Informatica P360, PEGA, Blue, MuleSoft, etc. It also has the different roles for which they have Authorization. Portal

to provide the complete journey from imagination to delivery of the product in the market.

Responsibilities:

- Understanding of stakeholder's/product's requirements, limitations of existing products, Team Leading, Peer Code Review.
- Integrated P360, Pega, Liferay technologies.
- Task allocation to team & progress reporting to client.
- Preparing documentation like High-level, Low-level(LLD), Architecture diagrams, TDD.
- Worked on extensive documentation of technical design, product features, guide, and demos.
- Work closely with usability and presentation designer teams to implement their ideas.
- Managing team with prioritizing task and helping to resolve issues.
- Development, Deployment, Code Testing, Sonar Compliance

Environments:

MuleSoft 4, Dataweave 2.0, Java, MSSQL ,PEGA, Blue, P360, Anypoint Runtime Manager, Anypoint Design Center, and Exchange, Git, Jira, JSON, XML

ETL (Extract, Transform and Load) for Automotive Industry

The application provides an interface between the client's software systems and salesforce. Multiple batch jobs picked up files for processing from the FTP servers, validates, processes, and sends the filtered information to be stored in salesforce. The interfaces vary based on the end customers who are car manufacturing companies (OEMs). The interface incorporated their varying needs in terms of information capture and storage.

Responsibilities:

- Requirement analysis with BA, Implementation of new features.
- Implementing rest Api's and schedulers, ETLs.
- Development, Deployment, Code Testing, Sonar Compliance, Peer Code Review.

Environments:

MuleSoft 4, Dataweave 2.0, Java, Oracle SQL, Anypoint Runtime Manager, Anypoint Design Center, Exchange, Salesforce

Roadside Assistance Service Application for Automotive industry

The application provides the roadside assistance service for the leading original equipment manufacturer (OEM). App receives several RSA service requests from customers in a day that are routed via app to technicians residing around that location. As the technician accepts and provides RSA service, the request status will be updated as resolved and further service feedback and technician reports are generated and sent to OEM's.

Responsibilities:

- Requirement analysis with BA, Implementation of new features.
- Implementing rest Api's for the mobile app.

- Development, Deployment, Code Testing, Sonar Compliance, Peer Code Review.

Environments:

MuleSoft 4, Dataweave 2.0, Java, Oracle SQL, Anypoint Runtime Manager, Anypoint Design Center, Exchange, Salesforce, JSP, Bootstrap, HTML, CSS, JavaScript, jQuery, MySQL

Service Request Acknowledgment Interface

The application intends to fill in the gap between a roadside assistance agent and the customer. The application provides a secure interface to accomplish the communication between salesforce and an IVR system. The interface exposes and consumes REST APIs to read the information from the IVR, validates, processes parses to the salesforce format, sends it to the salesforce instance, and vice versa.

Responsibilities:

- Understanding Requirements, Implementation of TDD.
- Development, Deployment, Code Testing, Sonar Compliance.

Environments:

Java, Spring Rest, Spring Security, Junit, Visual Studio Team Services

Dealer Portal

OEM's 12 month complimentary Roadside Assistance dealer portal will enable each dealer to help customers to leverage the promotional offers when they come for RSA service. This will validate vehicle information in the CRM to proceed with promotion. Dealers can also reset password or get dealerID for login via Forgot username/ Forgot Password functionality.

Role & Responsibilities

- Requirement analysis & Implementation module.
- Responsible for understanding and implementing all the requirements.
- Involved in client communication.
- Configure CI/CD Integration for Deployment
- Azure Server Configuration

Environment

Java 8 , Spring Rest, Spring Security ,JUnit , Azure cloud , Visual Studio Team Services

Replicate EHR iPad App to Web App

Description: Existing EHR iPad Application had been developed in IOS. The project is about to implement and integrate the same functionality in existing WEB Application. iPad Application is used to handle Patient's workflow and collecting test data.

Role & Responsibilities

- Requirement analysis & Implementation of different modules.
- Responsible for understanding and implementing all the requirements.
- Involved in client communication.

Environment

Liferay 6.2, JSF, Primefaces, MySql, Tomcat

EHR/EMR system for US client

Project is all about Health Care related functionality. Portal is for managing Doctor, Staff and Patient for different clinics. It bridges the gap between different functions of Clinic. There are different functionalities for different roles.

Role & Responsibilities

- Responsible for developing custom plugins as per client requirement.
- Worked on Liferay plugins like portlet, hook, ext, theme & layout.
- Worked on lots of third party Integration for Liferay and J2EE projects.

Environment

Liferay 6.2, JSF, Primefaces, MySql, Tomcat

Hyperlocal eCommerce Platform

A Mobile App which allows users to select locations and buy products. Allows user to see product descriptions and add them to shopping cart. Mobile App integrated with Stripe Payment Gateway for payment. Mobile App integrated with Shopify. Also have Web interface for Administrative Service (add/edit locations, products, inappropriate comments, Shipping Rates, Promo codes) .

Role & Responsibilities

- Analyze and understand requirements for M-Commerce App and implement them after designing.
- Database design for different modules.
- Write REST Services with Spring Security and OAuth2.
- Integration with Stripe payment Gateway for Charge Users.
- Integrated Shopify APIs for placing orders.

Environment

Spring MVC, Spring RESTful web services, Hibernate, Jasper Report, MySQL, iOS, Android, Tomcat

SIRiUS Delegated Rights

Existing BASF SIRiUS portal had been developed on LIFERAY 6.1 version. The project is about to permission assignment in bulk, user can only responsible (i.e. Edit, delete ,add) specific Information object , display folder name in IO edition screen and bulk permission assignment functionality.

Role & Responsibilities

- Customizing (Existing Code) and developing (new functionalities) in SIRIUS 5 portlets.
- Verifying on QA server and delivering the deliverables to the client.
- Worked as module lead for some of the modules developed.

Environment

Liferay 6.1.20, Spring MVC, Hibernate, MySql, Tomcat

SIRIUS LR Migration 6.0 to 6.1

Description: Existing BASF SIRIUS portal had been developed on LIFERAY 6.0 version. The project is about to migrate the existing BASF SIRIUS portal from LIFERAY 6.0 version to LIFERAY 6.1.20 version.

Functional Requirements:

- Migration of existing code from 6.0 SP1 to 6.1.20.
- Migration of data from 6.0 SP1 to 6.1.20.

Role & Responsibilities

- Responsible for understanding and implementing all the requirements.
- Migration of Existing Plugins like (Hooks, Portlets, EXT and Theme) from 6.0 SP1 to 6.1.20.
- Coordinating with the team involved in the project to sort out the technical issues.

Environment

Liferay 6.1.20, Spring MVC, Hibernate, MySql, Tomcat

Liferay Migration 6.0 to 6.1

Existing BASF portal had been developed on LIFERAY 6.0 version. The project was about to migrate the existing portal from LIFERAY 6.0 version to LIFERAY 6.1.20 version.

Functional Requirements:

- Migration of existing code from 6.0 SP1 to 6.1.20.
- Migration of data from 6.0 SP1 to 6.1.20.

Role & Responsibilities

- Responsible for understanding and implementing all the requirements.
- Migration of Existing Plugins like (Hooks, Portlets, EXT and Theme) from 6.0 SP1 to 6.1.20.
- Coordinating with the team involved in the project to sort out the technical issues.
- Documentation: Prepared Configuration and Installation Guide for Client.

Environment

Liferay 6.1.20, Spring MVC, Hibernate, MySql, Tomcat

SIRIUS 5 Support

The objective of the project is to provide support to the Existing developed BASF SIRIUS 5 live portal.

Role & Responsibilities

- Involved in client communication.
- Resolved Jira issues and provided deliverables to clients.

Environment

Liferay 6.0, Spring MVC, Hibernate, MySql, Tomcat

SIRIUS 5 CRs

The objective of the project is the implementation of the CRs which were raised in BASF SIRIUS 5 –Phase II project. This project was an enhancement to the BASF SIRIUS 5 project.

Role & Responsibilities

- Customizing (Existing Code) and developing (new functionalities) in SIRIUS 5 portlets.
- Verifying on QA server and delivering the deliverables to the client.
- Worked as module lead for some of the modules developed.

Environment

Liferay 6.0, Spring MVC, Hibernate, MySql, Tomcat

SIRIUS 5 - Phase II

The objective of the project is a new concept of a seamless integration of navigation and improved federated search to enable the users to find the relevant information fast and intuitive. SIRIUS 4.0 was an existing portal available at BASF which enables users to navigate and search the information from various different data sources. SIRIUS 5.0, it should be possible to centrally manage individual applications which have grown up in different subsystems and are fragmented.

Role & Responsibilities

- Responsible for understanding and implementing all the requirements.
- Responsible for developing custom plugins as per client requirement.
- Performance improvement and optimized queries for a custom report portlet.
- Write Query, Development, Debugging, Setup and work on defined Tasks on Apache Solr & Liferay.
- Documentation: Prepared Configuration and Installation Guide for Client.

Environment

Liferay 6.0, Spring MVC, Hibernate, MySql, Tomcat

FAMKO

FAMKO is an existing project in BASF which is written in Fortran. This enables users to search the information from the database. The idea behind this project is to migrate the code from Fortran to Liferay. This will enable the users to access the search information from the BASF LR portal. End user will use the FAMKO portal to search the information from the database.

Role & Responsibilities

- Involved in client communication.
- Responsible for understanding and implementing all the requirements.
- Coordinating with the team involved in the project to sort out the technical issues.
- Documentation: Prepared Configuration and Installation Guide for Client.

Environment

Liferay 6.0, Spring MVC, Hibernate, MySql, Tomcat

XML Data Migration

XML Data Migration used for migrating from their current SIRiUS portal application xml data to the new SIRiUS 5 demonstrator portal application oracle database structure. For SIRiUS 5 demonstrator to get relevant information from different data sources like XML file, Dat file and CSV files of old SIRiUS portal to new SIRiUS 5 Demonstrator oracle database. The data was migrated to Oracle Database in the new defined structure for SIRiUS 5 Demonstrator. So the project provided a solution to migrate the data automatically from their current SIRiUS data files to the new SIRiUS 5 demonstrator oracle database structure.

Role & Responsibilities

- Involved in client communication.
- Responsible for understanding and implementing all the requirements.
- Documentation: Prepared Configuration and Installation Guide for Client.

Environment

Liferay 6.0, Spring MVC, Hibernate, MySql, Tomcat

Sirius Demonstrator

SIRiUS 4.0 is an existing portal available at BASF which enables users to navigate and search the information from various different data sources.

The idea behind this project was a new concept of a seamless integration of navigation and improved federated search to enable the users to find the relevant information fast and intuitive. The idea was created and elaborated within the concept phase for the next release of the SIRiUS portal that aims to replace the current Fasihi based solution. The deliverable of this project will be a demonstrator to capture and analyze user feedback to prove the feasibility and value of this new concept.

Role & Responsibilities

- Responsible for understanding and implementing all the requirements.
- Coordinating with the team involved in the project to sort out the technical issues.
- Documentation: Prepared Configuration and Installation Guide for Client.

Environment

Liferay 6.0, Spring MVC, Hibernate, MySql, Tomcat

EPKON

Description: EPKON Application was developed as a Portlet. EPKON portlet allows users to perform all functions related to EPKON. It displays a list of old, ongoing and future conferences. Users can add/edit conferences.

Role & Responsibilities

- Involved in client communication.
- Responsible for understanding and implementing all the requirements.
- Coordinating with the team involved in the project to sort out the technical issues.

- Documentation: Prepared Configuration and Installation Guide for Client.

Environment

Liferay 6.0, Spring MVC, Hibernate, MySql, Tomcat

Liferay Upgrade

Existing BASF portal had been developed on LIFERAY 5.2.3 version. The project was about to migrate the existing portal from LIFERAY 5.2.3 version to LIFERAY 6 SP1 version.

Functional Requirements:

- Migration of existing code from 5.2.3 to 6.0 SP1.
- Migration of data from 5.2.3 to 6.0 SP1.
- Migration of document library data from file system to database.

Role & Responsibilities

- Migration of Hooks and Theme from 5.2.3 to 6.0 SP1.
- Coordinating with the team involved in the project to sort out the technical issues.

Environment

Liferay 6.0, MySql, Tomcat