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Mulesoft Tech Lead

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EXPERIENCE SUMMARY

- Around 12 years of experience in design, development & implementation of Enterprise Applications.
- Experience in complete development cycle, including development, testing, and deployment.
- 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.
- Excellent experience in handling/leading projects with onsite-offshore models. Direct communication with client/business team.
- Hands on experience with Design & Development of Web tier, Business tier, Middleware, Application Integration and Database tier of the enterprise applications.
- Strong interpersonal skills and a highly motivated team player with ability to work independently.
- Ability to quickly learn and adapt to new emerging technologies and paradigms.
- Good experience in realisation activities (like data migration, DevOps and to ensure all deliverables are accepted).
- Highly motivated individual with a sense of accountability and an eye for details.

COMPETENCIES

- Mulesoft 4, RAML, Datawave
- JAVA/J2EE, Spring Boot, Spring Batch, Spring Integration, Spring Security, Liferay , Hibernate, Struts
- MySQL, MSSQL, MongoDB
- Anypoint Studio, Liferay Developer Studio, Eclipse, JBoss Developer Studio, Netbeans
- Apache Tomcat, Microsoft Azure , Anypoint Platform
- Web services (REST, SOAP)
- GIT, SVN, CI & CD tools (Bamboo, Jenkins, Visual Studio), Swagger
- Enterprise Portals
- Enterprise Content Management
- Cross Platform Applications
- Invoice, Ledger & Financial Reports
- Healthcare IT
- Project Management
- Agile/Scrum, Waterfall
- Business Analysis
- Object Oriented Analysis & Design

- AWS (EC2, S3), DigitalOcean, JUnit, JProfiler
- Meteor, React, AngularJS, Bootstrap, HTML5, CSS3

WORK EXPERIENCE

AIMDek Technologies Pvt Ltd, Ahmedabad - *Solutions Architect*

JULY 2014 - PRESENT

CIGNEX Datamatics Pvt Ltd, Ahmedabad - *Software Consultant*

FEB 2011 - JULY 2014

PROJECT EXPERIENCE

☞ **Salesforce – CRM Integration for Service Request :**

Description: 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.

Role & Responsibilities

- Requirements understanding.
- Designing the implementation approach.
- Helping team members solve complex issues.
- Ensure timely delivery
- Configure CI/CD Integration for Deployment

Environment

Mulesoft 4, Dataweave 2.0, RAML, APIkit , Spring Security , Visual Studio Team Services, Anypoint Platform (Anypoint Runtime Manager, Anypoint Design Center, and Exchange)
Salesforce

☞ **ReDesign Existing ETLs and Performance Improvement :**

Description: 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.

Role & Responsibilities

- Requirements understanding.
- Designing the implementation approach.
- Helping team members solve complex issues.
- Ensure timely delivery
- Configure CI/CD Integration for Deployment

Environment

Mulesoft 4, Dataweave 2.0, RAML, APIkit , Spring Security , Visual Studio Team Services, Anypoint Platform (Anypoint Runtime Manager, Anypoint Design Center, and Exchange) Salesforce

€ **Loan Management System**

Description: 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.

Role & Responsibilities

- Requirements understanding.
- Designing the implementation approach.
- Helping team members solve complex issues.
- Ensure timely delivery
- Configure CI/CD Integration for Deployment

Environment

Mulesoft 4, Dataweave 2.0, RAML, APIkit , Spring Security , Visual Studio Team Services, Anypoint Platform (Anypoint Runtime Manager, Anypoint Design Center, and Exchange) Salesforce

€ **Content Authoring Portal**

Description: 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.

Role & Responsibilities

- Requirements understanding.
- Designing the implementation approach.
- Helping team members solve complex issues.
- Ensure timely delivery
- Configure CI/CD Integration for Deployment

Environment

Mulesoft 4, Dataweave 2.0, RAML, APIkit , Spring Security , Visual Studio Team Services, Anypoint Platform (Anypoint Runtime Manager, Anypoint Design Center, and Exchange) Salesforce

☞ **Integration between Salesforce & SAP CRMs :**

Description: Interface to synchronise data between 2 different CRMs of a vendor and client. Data from Salesforce CRM to be sent to SAP CRM on real-time and migration of history data for one time. Also replay mechanism implemented for failed records while synchronising.

Role & Responsibilities

- Requirements understanding.
- Designing the implementation approach.
- Helping team members solve complex issues.
- Ensure timely delivery
- Configure CI/CD Integration for Deployment

Environment

Mulesoft 4, RAML, APIkit , Spring Security , Visual Studio Team Services, Anypoint Platform

☞ **Service request acknowledgement interface:**

Description: 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.

Role & Responsibilities

- Requirements understanding.
- Designing the implementation approach.
- Helping team members solve complex issues.
- Ensure timely delivery

Environment

Mulesoft 4, RAML, APIkit , Spring Security , Visual Studio Team Services, Anypoint Platform

☞ **ETL framework for data feed**

Description: The application provides an interface between 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 the information capture and storage.

Role & Responsibilities

- Requirements understanding.
- Designing the implementation approach.

- Helping team members solve complex issues.
- Ensure timely delivery

Environment

Mulesoft 4, Spring Batch, Visual Studio Team Services, SQL Server 2008, Anypoint Platform

€ **Enterprise Integration for data interfacing between CRM and Common Services Interface API**

Description: Implement interface to communicate Salesforce and CSI server in secured way. Salesforce will send dispatch call details to CSI. This information should be encrypted with AES and passed to CSI and received as encrypted information. This information will be decrypted with Key and passed to salesforce. Also CSI will send status updates to salesforce in encrypted form.

Role & Responsibilities

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

Environment

Mulesoft 3, Visual Studio Team Services, Anypoint Platform

€ **Dealer Portal**

Description: 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**

Description: 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**

Description: 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**

Description: 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**

Description: 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**

Description: 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**

Description: 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**

Description : 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**

Description : 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**

Description: 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**

Description: 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**

Description: 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

EDUCATIONAL QUALIFICATION

Bachelor of Engineering (Information Technology) - *Hemchandracharya North Gujarat University*

JUNE 2006 - JUNE 2010