

SNEHA DESAI

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SUMMARY

Integration Lead and Developer with 6.5+ years of experience, including 1.5 years in leadership, specializing in MuleSoft, with a background in TIBCO and Apigee Edge. Skilled in API-led architecture design using MuleSoft Anypoint Platform (Mule 4), focusing on security, scalability, and performance. Proven leadership in managing teams and delivering high-impact projects across banking, telecom, and manufacturing.

SKILLS

- MuleSoft Anypoint Platform
- API Development Life Cycle
- Tibco BusinessWorks, EMS, Administration
- Apigee Edge
- AWS, CloudHub 2.0, Basic Azure
- Jenkins, Maven
- JIRA, Confluence
- Agile Methodology
- RAML, OAS
- JSON, XML
- Basics of Java, HTML, CSS, JavaScript
- Web services, REST, SOAP
- DataWeave, Postman, SoapUI
- SQL, Oracle
- CI/CD, GitHub Desktop, Bitbucket, and familiar with Azure DevOps

CERTIFICATIONS

- Salesforce Certified MuleSoft Developer I
- Salesforce Certified MuleSoft Integration Architect I

WORK EXPERIENCE

PERSISTENT SYSTEMS

Pune, India

Engineering Lead

09/2022 to 05/2024

- Worked as a Lead and Developer on a major project for the **banking client LeagueData**, collaborating with cross-functional teams (50+ members) to deliver seamless system integrations and improve operational efficiency throughout the full Software Development Life Cycle.
- Co-led API integration initiatives using the Anypoint Platform, integrating microservices with the cloud-native core banking platform Mambu, while directly contributing to the development of critical APIs using Agile methodology.
- Directed and developed 40+ REST APIs for real-time use cases (customer creation, account updates, card issuance) using Anypoint Studio, including connectors, scopes, routers, flows, caching, exception handling, etc., while mentoring developers to ensure performance standards were met.
- Applied asynchronous operations with persistent VM queues to meet SLAs and NFRs, while actively coding solutions.
- Led API development and integration for credit bureau data access, ensuring regulatory compliance, and optimizing performance.
- Developed batch apps in CloudHub 2.0 to sync card/member data via SFTP, optimizing large-scale batch processing.
- Designed and developed 3+ batch solutions for payments, settlements, and EOD processing using streaming technologies for scalability.
- Optimized workflows using Apache Airflow, and decoupled batch flows with SQS.
- Automated 20+ deployments with Jenkins, Maven, and GitLab Desktop improve efficiency and reduce cycle time.
- Configured autodiscovery and enforced API security policies (Basic Auth, JWT, IP Whitelisting) via API Manager for 40+ APIs, ensuring secure integrations.
- Designed 3+ SQL data models to optimize data management, ensuring efficiency and scalability across the system.
- Standardized build processes using parent POM.

- Provided post-deployment support, resolving critical issues.
- Promoted reusable components through internal blogs and best practices.
- Utilized Anypoint Functional Monitoring to ensure the uptime and reliability of critical APIs.
- Collaborated with stakeholders to define project requirements, ensuring alignment with business goals.

Reusable Modules Developed for Banking Projects:

- Developed an ISO 8583 pack/unpack utility using JPOS framework.
- Created a JWT Authentication API for secure user access.
- Built a PDF generation utility in Mule 4 using Java for financial reports.

INFOSYS LTD.

Pune, India

Senior Associate Consultant

03/2020 to 09/2022

- Contributed to the MuleSoft and Apigee integration project for **Intel Corp.**, and TIBCO solutions for **Vodafone**, developing robust APIs and ensuring seamless system integrations for enhanced performance and scalability.
- Managed Mule APIs and proxy layers via Apigee Edge, implementing API lifecycle management, OAuth 2.0 authentication, rate limiting, and analytics for enhanced security and performance.
- Designed and developed RESTful and SOAP APIs for seamless integration with third-party services.
- Contributed to the CI/CD pipeline for building and deploying EAR files, automating deployment, and improving efficiency.
- Prepared test cases, conducted unit testing, and coordinated releases to QA, ensuring smooth deployments.
- Created release notes and deployment guides for successful testing and deployment.
- Provided defect resolution support, analyzing and quickly resolving issues to ensure business continuity.
- Troubleshoot production issues, ensuring high availability and performance of APIs and integrations.
- Gained hands-on experience with MuleSoft integration patterns and Apigee Edge for API management, security, and optimization.

TIBCO

Pune, India

Associate Consultant

10/2017 to 03/2020

- Developed integration solutions for clients, including **First Citizens Bank**, **Airbus Helicopters**, **El Paso Electric**, and Televerde, ensuring seamless data flow and system connectivity.
- Assisted lead developers in designing and implementing integration solutions, gaining hands-on experience with SOA, web services, API management, and real-time data exchange.
- Designed and developed RESTful and SOAP services using TIBCO BusinessWorks 6 (BW6) to meet client requirements.
- Led BusinessWorks version upgrades, ensuring compatibility and optimized performance.
- Resolved migration issues, ensuring smooth transitions and consistent application performance across environments.
- Collaborated with QA, support, and architecture teams to implement solutions in an agile environment.
- Deployed TIBCO applications via CI/CD pipeline, automating processes to improve efficiency and reduce errors.
- Conducted unit testing and validated quality before release to ensure stable production deployments.
- Contributed to design reviews, improving integration architecture and best practices.
- Documented integration processes, deployment procedures, and troubleshooting guides to ensure smooth knowledge transfer.

EDUCATION

BACHELOR OF ENGINEERING: COMPUTER SCIENCE
Pune University, India

05/2017