SHABBIR ALAM

PERSONAL DETAILS

shabbirash@gmail.com
+1 682 375 7659

EXPERTISE

Software Applications Development
Functional & Technical deliverables
Testing and Maintenance
Maintenance & Configuration
Troubleshooting
Data Migration & Implementation
Performance Improvement
Hands on Multiple Platforms
System Configuration & Deployment
Client / Customer Relationship
Corporate Communication
Team Management & Leadership
Client Interaction and Deliverables
Continuous Integration
Network & System Administration
Agile Methodologies
Talent Management

TECHNICAL SKILLS

ESB: Mule 4.x, Mule 4.x, Sonic ESB 7.6 and 2015
API Management: Mule API, RAML, Apigee**Languages:** Java, .Net
Cloud: Cloud hub, PCF, AWS
Web Services: REST, SOAP
Database: Oracle, DB2, MySQL and MS SQL Server
DevOps: Azure , Jira
Build & Other Tools: Maven, VSTS, Splunk
IDE Tools: Any point Studio 7.x,Dell Boomi, Eclipse, Visual Studio, Sonic ESB
Unit Testing: Munit, Junit, POSTMAN, SOAP UI
XML Technologies: XML, DTD, XSD, XSLT
Other Tools: Azure Devops, Jira, Confluence

ACADEMIC

MCA (Computer)   2009
Rajiv Gandhi Technical University, India

BCA (Computer)   2005
IGNOU, India

ABOUT ME

IT Professional with almost 12+ Years of Experience in various roles of Mulesoft Integration Specialist with strong technical knowledge on MuleSoft 4.x, MuleSoft 3.x, Mule soft Anypoint Platform – API Design, API Manager, Anypoint connectors, Secret Manager, API Proxy, Mulesoft Runtime Environment,VPC,DLB,Private Space, Mulesoft Anypoint Studio and application software development using Aurea Sonic ESB, Sonic MQ, Rabbit MQ, Kafka, Microsoft Dotnet, Sql Server , Docker , AWS , Dell Boomi,Boomi Atom, Core Java which involves design, development, maintenance, testing and implementation of client/server & n-tier architecture. Extensive knowledge of Payment domain.

CORE COMPETENCIES

- Certified in Dell Boomi , used most of the shapes in projects like Start,Message,Data Process,Cache,Find Change,Map,Set Property,Process Call, Process Route, Atom Queue,PGP Encryption/Decryption etc.
- Used Custom Scripting (Java Script and Groovy) in flow.
- Used all lookup properties like Document Property , Dynamic Document Property Process Property,Dynamic Process Property, Cross Reference Table etc.
- Integrated Boomi with Salesforce, NetSuite, Database, AWS S3, AWS Secret Manager, Donodo , Http Client , Web Services SOAP client, FTP, SFTP etc.
- Implemented Event Driven Architecture in Dell Boomi using RabbitMQ.
- Anypoint platform setup (Business Groups/ Environment / Teams / Permissions / Connected App etc.) Using PowerShell script and integrated in azure pipeline.
- Mule ESB experience with implementing Service - Oriented Architecture (SOA) and Enterprise Application Integration (EAI) using Mule.
- Developing various Enterprise Application Integration Solutions using API led Connectivity.
- Developing project template (archetype) to reduce the development and testing timelines.
- Implemented Mule flows for different modules, which process files and emails from different systems.
- Developed Mule ESB projects for the services with synchronous and asynchronous mule flows.
- Utilized MuleSoft features like DataWeave, API designer and various connectors to ensure robust and loosely coupled integration layers every time. Worked on messaging using Active MQ.
- Created Mule ESB based tooling suite for handling message transitioning, validation, enrichment and routing to upstream and downstream entity data consumers.
- Expertise in using MuleSoft studio in creating various flows to integrate API, Databases and SAAS applications.
- Extensive experience on using mule connectors like FTP, FILE, SFTP, etc. as a part of integration usage.
- Experience developing on the Mule ESB platform to deliver SOAP & REST based APIs.
- Interacting RESTFUL client with the services by providing the RESTFUL URL mapping.
- Developing RESTFUL/SOAP web services in Mule ESB based on SOA architecture.
- Experience in MEL - Mule Expression Language to access and evaluate the data in the payload, properties and variables of a Mule message. Experience using GitHub, Jenkins, and Nexus technologies.
- Experience developing an API using RAML and OAS.
- Deploying Mule Applications to Mule ESB and Mule CloudHub along with experience in configuring logging and alerting in Cloud Hub
- Extensive experience in SQL, Stored Procedures, Functions and Triggers with databases such as Oracle, and MS SQL Server.
- MUnit and Log4j in developing test cases and determining application functionality.
- Designing RAML specs, building APIs using API Kit in Mule applications

- Developing Mule ESB flows and integrations by using service-oriented architecture (SOA) and enterprise application integration (EAI) using Mule Runtimes.
- Batch job development using Mule's Batch/Scheduler/Poll. '
- MuleSoft Integration with AWS S3
- Developed asynchronous services using Mule.
- Integrated with third-party systems like S4Hana, NetSuite, Service Now, SharePoint etc.
- Experience in integration with MSMQ, Anypoint MQ, ActiveMQ, RabbitMQ and Kafka etc

PROJECTS

Project 1: Tech Lead, *Fiserv Multiple Product Integration & Shared Services*
Oct'21-Now

Description:
This project was to integrate multiple Fiserv Products for payment system and develop shared services which can be leverage by same kind of products which help business /development cost and expand market availability. After this project was completed we were able to reduce the client onboarding time by 70% and expanded the business to clients using SAP/S4HANA/QuickBooks ERPs.
Each product was using its different IPAAS solution.

Technology: MuleSoft Runtime Environment – 4.1.x, Any point Studio 7.x, Any point Platform, API Manager, Cloud Hub, RAML, Restful Web services,Dell Boomi, Boomi Atom, Different Boomi Shapes and connectors, Microsoft .net core, Docker, PCF, APIGEE, Azure Devops, Service Now, Splunk, and SQL Server 2014

- Integration/Logging Framework and created Common framework like error handling/AWS S3/AWS Secret Manager
- Salesforce Integration with MuleSoft and Dell Boomi.
- For MuleSoft, Pushed common framework to exchange for reusability.
- Develop a multi-tenant API and read the client specific file and its specific request/response mapping file and dynamically evaluate it.
- Created Mule ESB flows using Any point Studio, performed payload transformation & developed middleware frameworks for routing the messages to appropriate systems
- Implemented Layer/Process Layer/System Layer in the application development in order to achieve better micro services approach
- Developed flows/orchestrations for integrating the components like connectors, transformers and scopes written on top of different internal platforms using Mule ESB for XML to JSON conversion
- Designed and developed enterprise services using RAML and REST based APIs. Created HTTP inbound & outbound flows, routing,
- orchestration, transformations and Security of MULE ESB application using OAuth
- Implemented Security Mechanisms, API policies like Rate limiting/ Http Caching.
- Used Dataweave extensively to do data transformations along with custom Java Classes
- Creating Flows, Sub Flows, Exception strategy and DataWeave transformation in Mule configuration.
- Developed Batch processing framework to convert client specific files to standard file.

Project 2: Tech Lead, *STAR WEST to FiservEFT Migration*
Apr'21-Oct'21

Description: STAR WEST platform used by Bill Matrix to process STAR ATM payments was retiring in 2021 and the Interchange cost to processing these payments using a credit network was around 5 millions/year. Worked on the project to connect to FiservEFT using MQ and processed payments in batch and send batch files to FiservEFT. This project saved around 5 million in 2021

Technology: MuleSoft Runtime Environment – 4.1.x, Any point Studio 7.x, Any point Platform, API Manager, RAML, RabbitMQ, Restful Web services, Microsoft .net core, Docker, PCF, APIGEE, Azure Devops, Service Now, Splunk, and SQL Server 2014

- Design RAML specification /Fragments /Traits etc and develop Mule API using RAML specification
- Use JMS connector and configure RabbitMQ to publish message to FiservEFT topic and worked on exceptional handling
- Create Batch processing mule flow to get the records from Database and generate file and upload it to FiservEFT ftp location.
- Worked on an event driven system for all backend jobs like notification/update payment status/wallet creation/wallet status update etc.
- Worked on .net application to invoke newly create MuleAPI
- Splunk dashboards and alerts for monitoring team

Project 3: Tech Lead, *Bill Matrix Platform Integration*
Jan'20-Apr'21

Description: Project was to create common functionality which can be shared between multiple BMX Products.

Technology: MuleSoft Runtime Environment – 4.1.x, Any point Studio 7.x, Any point Platform, API Manager, Cloud Hub, RAML,Restful Web services, Microsoft .net core, Docker, PCF, APIGEE, Azure Devops, Service Now, Splunk, Sql Server, and Kafka

- Experience in Agile methodologies to do requirements gathering, analysis and planning, development.
- Created Mule ESB flows using Any point Studio, performed payload transformation & developed middleware frameworks for routing the messages to appropriate systems.
- Implemented Experience Layer/Process Layer/System Layer in the application development in order to achieve better micro services

approach and Security Mechanisms

- Developed flows/orchestrations for integrating the components like connectors, transformers and scopes written on top of different internal platforms using Mule ESB for XML to JSON conversion.
- Worked on REST and SOAP based Web services for Mule ESB flows based on SOA architecture.
- Designed and developed enterprise services using RAML and REST based APIs. Created HTTP inbound & outbound flows, routing, orchestration, transformations and Security of MULE ESB application using OAuth.
- Implemented integration flows using Mule Any Point Studio to connect to REST, SOAP Service, Oracle Database, and MSMQ
- Mule administration, configuration and tuning. Worked with MuleSoft Any point API Platform on designing the RAML for implementing REST API's and used API Gateway as a proxy service.
- Implemented MULE ESB to route various calls to do validation of service input and to handle exceptions.
- Consumed SOAP Web Services using WSDL Files and transformed them into appropriate format.
- Used Dataweave extensively to do data transformations along with custom Java Classes.
- Creating Flows, Sub Flows, Exception strategy and DataWeave transformation in Mule configuration.
- Formulated build and deployment mule projects to cloud hub using Maven and azure devops to cloud hub
- Used Mule Batch Processing to process records from Database

Project 4: Tech Lead, *Bill Matrix First Data Integration*
Jun'18-Sep'20
Description: This project was to integrate First Data processors in Bill Matrix Product
Technology: MuleSoft Runtime Environment – 4.1.x, Any point Studio 7.x, Any point Platform, API Manager, Cloud Hub, RAML, Restful web services, Sonic ESB 2015 ,Microsoft .net, Azure Devops, Splunk, Sql Server

- Experience in Agile methodologies to do requirements gathering, analysis and planning, development.
- Defined Core Assets like Naming conventions, Standard coding practices
- Designed and Implemented CICD pipeline using Jenkins, Groovy, Maven for Cloud Hub and On Premise
- Designed and Implemented API Manager Automation, Branching Strategy
- Designed and architected deployment strategy on Mule soft platform
- Designed and implemented Mule API Dashboards, unit testing and developer driven performance testing
- Managing MuleSoft Platform, user roles and security mechanism
- Design and implementation of core assets includes audit framework, error handling framework, deployment strategies, CI/CD pipeline, Mule Dashboards, Platform status page etc.
- Implemented Experience Layer/Process Layer/System Layer in the application development in order to achieve a better micro services approach.
- Designed and implemented API-led approach and integrations , File Systems using best practices

Project 5: Technical Analyst, *Bill Matrix on Demand 4.0*
Jul'13-May'18
Description: BillMatrix4.0 from Fiserv is used to pay bills using different funding instruments like Credit/Debit/ACH.
Technology: Sonic ESB,Sonic MQ, MSMQ,Microsoft .Net, SQL Server, Autosys,Webmethod, Azure Devops, Splunk
- Work as a Sonic ESB, Microsoft .Net ASP.Net, and MVC, WCF and C #Technical Lead. Provide technical guidance and leadership to technology development teams.
- Responsible for designing scalable software solutions for BillMatrix® Payments On-Demand product suite.
- Develop and integrate ESB processes to meet requirements and independently troubleshoot and optimize code.
- Provide ESB process design, development, modification, troubleshooting and transformation.
- Prepare technical documentation including technical design document, implementation plan, unit test cases, and other documentation as required. Improve ESB process performance and optimize integration points.
- EFT/ATM banking solutions

Project 6: Consultant, *Galaxy (Client: Lloyds Bank Group)*
Jul'11-Jun'13
Description: Insurance Domain, Developed multiple ESB Processes in Sonic
Technology: Sonic ESB, Actional Intermediary, Shadow Studio
- Process Development, Actional Intermediary Configuration, Adaptris, BADW

Project 7: Consultant, *Cambridge Assessment (Client: Cambridge University)*
Jul'10-Jun'11
Description: There was 7 verticals, I have worked on vertical 2.this vertical defines the scheduling, session for the examination for any client of C.U to choose the session for the examination.
Technology: C#, Sql server 2008, Metastorm (BPM Tool)