**SHYAM DEEPAK BOORUGU**

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**PROFESSIONAL SUMMARY**

* MuleSoft Certified Developer (MCD) -Level1(Mule4), Integration Architect (MCIA) -Level1(Mule4)
* Overall 15+ years of total experience in extensive IT Industry.
* Almost 6 years of experience in MuleSoft delivering solutions using Mule ESB.
* 15+ years of IT experience in implementing a service-oriented architecture (SOA) API enablement and enterprise application integration (EAI) using SoftwareAG webMethods, IBM Web Sphere Data Power and MuleSoft technologies.
* Utilized MuleSoft features like Data weave, Batch Process, API designer and various connectors to ensure robust and loosely coupled integration layer every time.
* Developed APIs in three layered Architecture (System, Process and Experience APIs).
* Hands-on experience in Mule Expression Language (MEL) and DW Scripts – to access and evaluate the data in the payload, properties, and variables of a Mule message.
* experience in Mule API manager and RAML.
* Developed Mule ESB projects for the services with synchronous and asynchronous mule flows.
* Experience in using Mule Connectors like FTP, and VM as part of Integration Usage.
* Experience in Mule Cloud hub, RTF, and Hybrid Infrastructure.
* Good experience in integrating Salesforce, SAP, spring frameworks and web services using Mule ESB.
* Experience in Continuous integration (CI) and Continuous Delivery (CD) practices with MuleSoft.
* Expertise in database modeling and development using SQL, PL/SQL in Oracle, MySQL, and SQL Server environments.
* Experienced in developing and deploying applications to Azure DevOps using continuous integration tools like Jenkins, Maven, and Azure pipelines.
* Hands-on experience with build tools like ANT, Maven, Gradle and logging tools like Log4J.
* Expertise in unit-testing with MUnit.
* Experience on implementing Okta authentication, JWT for MuleSoft.
* Good Experience in software configuration management using GIT.
* Worked with both the operation’s team and development teams to better utilize AWS and Azure services.
* Knowledge of using Splunk tool.
* Knowledge on containers (AWS ECS, Docker, Kubernetes) and Microservices architecture.
* Excellent at understanding new technologies and capable of implementing without conventional training.
* Excel under pressure and thrive in dynamic environments. Comfortable with ambiguity and multitasking.

**TECHNICAL SKILLS**

* Languages : JAVA 1.8, PL/SQL
* Databases : ORACLE 11g, XE, My SQL, MS SQL Server 2014
* IDEs : Eclipse, TOAD 9.1.0.62, SQL Developer
* Operating Systems : Windows, Unix, Linux
* CFG Management Tool : CVS, SVN, MAVEN, Git
* Atlassian Tools : JIRA
* Cloud Strategies : Microsoft Azure Dev Ops, AWS
* Integration Platform : MuleSoft (Mule 4, Studio 7, Data Weave 2.0, RAML 1.0)
* Messaging Servers : IBM WebSphere MQ, Rabbit MQ, Azure Service Bus

Integration Platform : MuleSoft AnypointStudio, Webmethods Designer, Trading Networks, Broker, My Webmethods Server, IBM DataPower XI52, Eclipse, SoapUI, Altova XML Spy, rfhutil and Contivo.

**CERTIFICATIONS**

* MuleSoft Certified Integration Architect (MCIA) -Level1 (Mule4) (Dec 2022 - Dec 2024).
* MuleSoft Certified Developer – Level 1(Mule4) (Oct 2022 - Oct 2024).

**PROFESSIONAL EXPERIENCE**

**Project Title Home Advantage YHA June 2020 to Present.**

**Client**  Humana Inc, Louisville KY

**Position** MuleSoft Architect

**Technologies**  Mule ESB 4.3.0, MuleSoft AnyPoint platform, Studio7.7, RAML 1.0 and DataWeave2.0, Git, Azure Dev OPS, Java

**Description** Your Home Advantage (YHA) is a Humana-owned Healthcare Management Company dedicated to improving clinical and quality outcomes by bridging the gap between the physician's office and the member's home. YHA provides prospective home visits conducted by licensed and trained clinical practitioners who perform In-Home Wellness Assessments (IHWA). The IHWA was established to identify and assess Humana Medicare Advantage members who are at risk of excessive utilization of future health related services and to supplement Humana's Health Assessment Program.

**Responsibilities**

* Implement REST API's using RAML and developed flows using API Kit in Anypoint studio.
* Responsible in developing integration workflows using Mule ESB framework, implemented DataWeave and Data Mapper, and content-based routing using Mule ESB.
* Configure and code Salesforce Health Cloud & Field Service Lightning to support business needs.
* Fix the complex issues that involve integrated components such as Mulesoft.
* Implementation and maintenance of an integrations between Salesforce and other platforms using Mulesoft.
* Support a cross-functional development agile team to deliver technical solutions to meet business objectives.
* Development of software, system integration test, code reviews, supporting dev-ops/code deployment and testing
* Supports User Acceptance Testing.
* Implement error handling through exception strategies and generated exception in cloud hub.
* Debugs and develops fixes.
* Utilizes user feedback loops and makes necessary adjustments and/or recommendations to resolve complex software related issues.
* Begins to influence department's strategy.
* Makes decisions on moderately complex to complex issues regarding technical approach for project components, and work is performed without direction.
* Exercises considerable latitude in determining objectives and approaches to assignments.

**Project Title Interoperability (Payer to Payer Data Exchange) Feb 2018 - May 2020**

**Client**  Medica Insurance, Minneapolis, MN.

**Position** MuleSoft Architect

**Technologies** Mule ESB 4.3.0, MuleSoft AnyPoint platform, Studio7.7, RAML 1.0 and DataWeave2.0, Git, Azure Dev OPS, Maven.

**Description** CMS regulated payers are required to exchange certain patient clinical data (specifically USCDI version 1 data set) at the patient’s request, allowing the patient to take their information with them as they move from payer to payer over time to help create a cumulative health record with their current payer. Having patient’s health information in one place will facilitate informed decision-making, efficient care and ultimately can lead to better health outcomes. This effort helps to do that.

**Responsibilities**

* Helped the development team to identify the systems for MuleSoft integration.
* Was part of C4E team for sharing best practices of MuleSoft.
* Worked with other architectural team to come up with the sequential diagrams for integration.
* Was doing hands-on work in MuleSoft by developing HL7 apis.
* Designed RAML specification for the apis and developed APIs to process bulk amount of data using batch processing in Mule.
* Worked with operations team on API deployment in Runtime Fabric environment after whitelisting and bastion the API urls.

**Project Title New Point of Sale (POS) Jan 2017 - Jan 2018**

**Client**  Staples Inc. Framingham, MA

**Position** Technical Lead

**Technologies** Java, Spring Boot, Hibernate, Maven, Azure Service Bus, Splunk, Jenkins, Bitbucket, Postman, Para Soft, LINUX over Azure

**Description** Staples North American Stores & Online focuses on offering easy-to-shop stores and Websites with products that are in-stock to support customers across all channels. The Company operates a portfolio of retail store formats, tailored to the characteristics of each location. Its North American Stores & Online segment consisted of 1,187 stores in the United States. Staples Stores has Legacy Point of Sale Application which is implemented in technologies like VB .net and C++. Staples planned to Migrate the POS application to X-Store (Oracle Product) and implementing the backend API’s (Special Orders, Rewards, Promotions, Coupons, Customer Data, Tax, Blind returns) into Micro services on Azure Cloud.

**Responsibilities**

* Attending the mapping session with partner teams (RTMS & AS400) and prepare the B2B Mapping document for Retail Transaction gateway.
* Developing the API for Message transformation between X-Store xml into back application format.
* Implementing the services to post and consume the messages from Azure Service Bus.
* Implementing the transformation for Various scenarios for Sale Discounts, Promotions, Coupons, Rewards, Tax.
* Implementing the transformation for Sale, Returns & Post Void.
* Implementing the transformation for Credit, Debit, Master, EMV and Contact less Cards.
* Implementing the transformation for Staples Gift Cards, Blackhawk POSA and MS POSA.
* Implementing the Contract Creation API and Generate the Contract PDF for Apple Care UI.
* Integrating the Contract API and Apple UI as New Spring Boot Application.
* Implementing the API for Customer Data Service.
* Implementing API for Special Orders (Kiosk, Copy & Print, Easy Tech).
* Creating Unit test cases and Generate unit test results.
* Fixing the bugs in QA, UAT & Production.
* Backend Transaction validation for Retail Transactions.

**Project Title Enterprise Data Highway Oct 2014 - Dec 2016**

**Client**  Staples Inc. Framingham, MA

**Position** WebMethods Developer

**Technologies** Web methods Integration server, Broker, My Web Methods Server, Splunk, Cross Vista, Jenkins, Service-now, IBM MQ, Java, UNIX, LINUX, Windows XP

**Description** Staples ESB integrate multiple applications and it can handle various message transformations and protocol translations. Staples ESB, which was built on WebMethods platform to handle a million of transactions an hour, the success of this huge implementation is dependent on the visibility the solution is going to provide on the overall traffic and its capability of monitoring/recording and alerting on violations in timely manner. This broad solution is categorized into three different modules Auditing, Monitoring and Logging and this document address the high-level architecture for the AML solution basing on the gathered requirements.

**Responsibilities**

* Analyzing Business requirement documents and providing the design documents.
* Attending the mapping session with partner teams and prepare the B2B Mapping document.
* Prepare the unit test case report and generate the results and provide the support for QA/System integration testing.
* Deployment using tools using Cross Vista & Jenkins tools and Post Deployment validation.
* Cross Vista & Jenkins configuration for deployments.
* Develop and maintain various monitoring alerts and purging scripts using Jenkins tool, shell scripts.
* Prepare Database user schema, SQL table & queries for various DB adapters.
* Develop and maintain the Splunk monitoring Dash boards and alerts for operations.
* Develop and maintain the integrations like file polling ports, schedulers, JMS triggers, JDBC & MQ adapters, Broker Queue depth etc.
* Configuring MWS configurations like creating topic, destinations &Trading Partners.
* Prepare the Deployment documents and Vendor Onboarding Documents.
* Partner interaction for Certs installation, testing and troubleshooting for B2B transactions.
* Developing the interfaces for FE & BE integration systems.
* Support server maintenance during different activity includes database patching, MQ patching, applying fixes etc.
* Analysis and debugging of errors in production and QA environments providing resolution and implementing in production.
* Handling and ownership of service now incidents and Jira stories.
* Participating in fire-fighting meetings to find the root cause of the issue.
* Working with SoftwareAG for product bugs and troubleshooting issues further.
* Working with Middle ware support and Creating New queue, Queue Manager Etc.
* Working with infrastructure teams for all the OS, Network, and Load Balancer issues.

**Project Title High Performance Hub Dec 2011 - Sept 2014**

**Client**  Bank of America, Hyderabad, India

**Position** WebMethods Developer

**Technologies** Java, web Methods Flow Language, Java, Web Service Definition Language, Web methods Integration server, Broker, My Web Methods Server, IBM MQ, Linux, Solaris, Windows

**Description** The project, High Performance Hub provides an enterprise middleware to various applications of Bank of America with an efficient means to access legacy applications. The project deals with meeting enterprise demands to provide one interface to various applications, improve integration of applications, streamline interface components, and provide 24-hour business capability.

Enterprise middleware is a platform where the customers can utilize business processes more effectively across the enterprise. The Enterprise middleware is currently deployed on Web Methods integration. Web methods archive high Performance for the complex service calls and critical orchestration business logics.

**Responsibilities**

* Impact analysis of components which help in integration.
* Document high-level and low-level design specifications of various components including interactions between the components.
* Unit and System test scripts documentation.
* Coding to implement the functionality specified as per the design document.
* Preparation of mapping sheet by coordinating with IFW architect.
* Preparation of API Specification document.
* Developing the util services for repetitive transformation logic by flow or java service.
* Peer Review, Internal Quality Assurance and External Quality Assurance Code review.
* Unit testing and system testing followed with components performance testing.
* Issues/defects tracking and closure with resolution.
* Deployment support.
* Proposed a prototype for a complex technical solution to the clients.
* Proposed change in design of component for improved and efficient development.
* Monitor development of components and bridge the gap between offshore and onsite.

**Project Title Consumer Integration Hub Jan 2010 - Nov 2011**

**Client** Bank of America, Hyderabad, India

**Position** DataPower Developer

**Technologies** IBM DataPower XI52, SoapUI, Contivo Analyst, Altova XML Spy,

Clear Case, Websphere Service Registry Repository, XSLT, Linux, Solaris, Windows

**Description** The project, Consumer Integration Hub provides an enterprise middleware to various applications of Bank of America with an efficient means to access legacy applications. The project deals with meeting enterprise demands to provide one interface to various applications, improve integration of applications, streamline interface components, and provide 24-hour business capability.

Enterprise middleware is a platform where the customers can utilize business processes more effectively across the enterprise. IBM Data Power XI52 which provides fast and easy development of enterprise interfaces and provides faster response for customers.

**Responsibilities**

* Impact analysis of components which help in integration.
* Document high-level and low-level design specifications of various components including interactions between the components.
* Preparation of mapping sheet by coordinating with IFW architect.
* Preparation of API Specification document.
* Preparation of Contivo Interface and Map based on mapping sheet, generating xslt style sheet.
* Developing xslt style sheets for critical business transformation, util services.
* Unit and System test scripts documentation.
* Peer Review, Internal Quality Assurance and External Quality Assurance Code review.
* Unit testing and system testing followed with components performance testing.
* Issues/defects tracking and closure with resolution.
* Deployment support.
* Proposed a prototype for a complex technical solution to the clients.
* Proposed change in design of component for improved and efficient development.
* Monitor development of components and bridge the gap between offshore and onsite.

**Project Title GMI Debt Application June** 2009 - Dec 2009

Client Bank of America, Hyderabad, India

PositionJava Developer

Technologies Java, XML, SQL, and shell scripting, Linux

DescriptionMerrill Lynch receives feeds from Bloomberg (client of Merrill Lynch) either online or through batch files. The online feeds are receiving by the middleware processes (IBM MQ is used as the Middleware), and transform data message by the xml parser, stores those data into various systems through various protocols. Merrill Lynch picks up batch files from the Bloomberg store data into various systems depending upon the predefined criteria.

**Responsibilities**

* Developing and monitoring scripts and escalating the major issues to application owners/consumers.
* Handling Change Requests as a part of maintenance to the system and deployment of change requests.
* Monitoring the application Service traffic using ITRS tool.
* Monitoring the communication mail alerts, troubleshooting the root cause for the traffic break up of services and clearing up the message to continue the application traffic.
* Troubleshooting the orchestration logic identify the change request and provide re solution to the clients.
* Re publishing the trading messages depending on the consumer requirements when trading messages are failure.
* Troubleshooting the production issues as per SLA & update/assign the JIRA (Ticket Management system).
* Interacting with multiple source/consumer systems for troubleshooting application service issues and republish messages.
* Configuring the new log pipes (capture the messages at each transformation) as per requirement.
* Monitoring the Auto batch process and configuring new file set up for the down streams.
* Monitoring the app watch system for MQ traffic.
* Interacting with administrative team for troubleshooting MQ related issues.
* Monitoring operating System memory by communication mail alerts and archiving the system files when the system usage is high to ensure that the operating system has enough memory.
* Preparing the daily/weekly status reports.
* Providing the business application knowledge while interacting with clients.

**Project Title IMPCS - Integrated Menu Planning and Costing System Aug 2008 - May 2009**

Client Singapore Airlines, Chennai, India

PositionJava Developer

Technologies Java, JSP, Spring and Hibernate, Linux, Solaris, Windows

DescriptionSingapore Airlines In–flight services department uses IMPCS application to plan, budget, and cost the meals to be served on each flight. It uses Planning Module to plan the menu items for every flight with various catering stations with different combinations. It uses the Costing module for estimating cost of the menu items which are planned Planning Module, and it generates Meal Cost Estimate report for various cycles.

It uses the Maintenance module to manipulate the data in tables which are reference to Flight, cycle, sector Information etc. And it generates reports such as Detail Scripts, Catering Check Lists and Menu Scripts.

Singapore Airlines In–flight services department uses Multilingual Menu System (MLMS) to generate Menu Cards in different supported languages. Translators receive the text files containing the menu content in English from MLMS for translations. MLMS uploads the returned translated txt file of the menu contents in Unicode format (UTF -8) for all supported languages. These Cards will be sent to local printing company for publishing the Menu Cards.

Responsibilities

* Analysis of the requirements for the maintenance and functionality request.
* Preparation of Unit Test Plans and Results.
* Reviews, Documentation and Communication as per Quality standards.
* Handling Change Requests/Development projects as a part of maintenance to the system.
* Preparing the Unit test cases.
* Establish onsite/offshore communication between onsite users and offshore project teams.
* Tracking and ensuring timely deliveries as per SLAs committed to the client.
* Interacting with the client and project teams to ensure issue resolution and to provide technological and business solutions to the clients.