**Professional Summary:**

Having over all 2.10 years of IT experience in Software Development with proficiency in designing & developing Enterprise-based applications and implementing ESB/SOA Architecture using IBM WebSphere Integration tools like WebSphere MQ , IBM Integration Bus (IIB).

* Good experience in installation and configuration of WebSphere Message Broker 8.0 and IBM Integration Bus (IIB) 9.0, 10.0 and WebSphere MQ6.0/7.0/7.5
* Strong in design, Integration and Implementation of IBM WebSphere Integration tools namely MQ Series, IBM Integration Bus (IIB)
* Worked on Health care and Retail based projects
* Having good knowledge on working with MQSI commands
* Experience in developing and analyzing the flows based on business requirement in IIB
* Experienced in design, development and mapping using IIB and MQ with different formats like XML, JSON formats
* Experience in working with SOAP, RESTful web services.
* Good Experience in MQ Nodes, Compute node, TCP IP nodes and ESQL coding etc. in IIB
* Designed and developed common framework for Error Handling and Auditing
* Well versed with Healthcare Standards like HL7 Messages
* Experience working with HL7 Transactions like ADT, ORM, ORU, DFT .etc...
* Used many of the external tools such as RFHUtil, SoapUI, HL7 Viewer and HL7Soup
* Having basic knowledge on WTX, creating Type Trees and Functional Maps in WTX and calling WTX Map in IIB
* Integrated IBM Integration Bus (IIB) with WTX by calling WTX Map in IIB
* Creating Type Trees and Functional Maps in WTX
* Experienced in DB2, SQL server
* Knowledge on Multi-protocol gateway services to provide HTTP, HTTPS, MQ connections on front end and back end services
* Knowledge on the concepts like Routing, Auditing, Logging and Error Handling
* Designing, developing, testing, troubleshooting and debugging of the applications
* Experience in deploying applications on all versions of WAS using WAS Admin Console and WAS admin scripting
* Proficient in deploying .ear/.war files in Application Servers
* Experience in Installing Fix packs on WAS
* Experience in DevOps tools like Ansible for Configuration Management
* Expert in Jenkins to configure, build and deployment for CI/CD pipeline.
* Having good knowledge on Docker and excellent integration skills on Docker with other tools, webservers
* Proficient in working with Git & GitHub
* Excellent understanding of software development life cycle
* Experience in installation and configuration of Web sphere application server versions 7.0 and 8.5.5 on different platforms like windows and Linux etc.
* Highly motivated team player with ability to quickly adapt to new environments and technologies
* Experience in integrating IBM Integration Bus with IBM Bluemix (IBM Cloud)

**Technical Skills:**

* **Operating Systems :** Windows, Linux
* **Middleware Technologies :** IIBv 9.0 & 10.0, WMQ v7.0 & 7.5.
* **Programming Languages :** Java, eSQL
* **Databases :** IBM DB2, SQL server
* **External Tools :** Soap UI, Rhfutil, SmartHl7 Viewer, Hl7 Soup.
* **Web & Application Servers :** IBM Web Sphere Application Server 7.x, 8.x and 9.0, Apache Tomcat

**Education:**

* Bachelor of Technology in Computer Science Engineering (CSE), Jawaharlal Nehru Technological University, Kakinada.

**Work Experience:**

* Working as Integration Bus (IIB) Developer in Miracle Software Systems PVT LTD. Visakhapatnam. From January 2016 to till date.

**Professional Projects:**

**Project # 1**

**Designation - DevOps Engineer**

**Description:**

Teach For America (TFA), part of the Administration team that was responsible for all WebSphere and Tomcat based components used in TFA. Responsible for writing yml scripts using Ansible for configuration management.

**Responsibilities:**

* Deploying applications using Ansible playbooks
* Stop/Start tomcat and apache using Ansible playbooks
* Deployed WAR files using the Scripts, Configured and deployed various resources required for the application and maintaining the central repository for all the instances of the applications
* Monitoring Nagios and AppDynamics alerts which we configured as monitoring tool
* Experience in deploying applications on all versions of Apache Tomcat
* Proficient in deploying .ear/.war files in Apache Tomcat Servers
* Experience in Ansible Configuration Management tool and Jenkins Automation tool
* Experience in bit bucket

**Environment:** Linux, Tomcat 7.0, Web Sphere Application Server 7.0, Apache Web Server, Ansible, Jenkins, bit bucket.

**Project # 2**

**Designation - IIB Developer**

**Description:**

Christus is a service oriented approach in building integration solutions and to implement Enterprise Service Bus architecture. All the HL7 data coming from source application will also be mapped in Common Information Model (CIM) and as per the transformation needs using eSQL language and route it to destination applications.

**Responsibilities:**

* Created the current state visio and the future state visio of the enterprise
* Gathered requirements from Cloverleaf engine, Source application and Destination application in the form of Pseudo Code
* Develop the Flows in IIB and implement the logic in eSQL Code based on the understanding of Pseudo Code provided
* Configured SVN repository with Message Broker and daily check in and checkout / version control of the source code
* Prepared test cases for the developed message flows
* Basic unit testing of the Integration flows

**Environment:** WebSphere MQ 7.5, IBM Integration Bus (IIB9), Sql Server Version 8, SVN, Windows 8.

**Project # 3**

**Designation - IIB Developer**

**Description:**

Christus is in the process of upgrading its integration platforms to establish next-Generation of integration capabilities, All the HL7 transactions in the enterprise were taking place through the Cloverleaf. The responsibility was aimed at replacing 625 interfaces running on these Cloverleaf and migrate them to a more robust engine built on MQ Series and IIB technologies.

**Responsibilities:**

* Understanding the integration requirements, mapping rules from the mapping specification documents
* Creating DFDLs for CSV, Fixed length etc., based on the requirement
* Developing the message flows based on the requirement
* Developing sub flows for reusable purpose
* Using compute node and filter node for transformation and Routing of messages using ESQL logic
* Developing common frameworks like error handling and common Audit logging
* Creating bar files using the Integration bus toolkit and command line
* Testing message flows using RFHUTIL and MQ Explorer
* Worked as WTX developer mainly worked on Type Tree design, developing various maps etc.,
* Creating WSDL file based on requirement
* Developed a consumer flow using wsdl
* Preparing test cases for the developed message flows
* Basic unit testing of the Integration flows
* Involved in preparation of various documents like Technical Design documents, Mapping specification documents and Data Flow Diagram

**Environment:** WebSphere MQ 7.5, IBM Integration Bus (IIB9, IIB10), Sql Server Version 8, SVN, Windows 8.

**Personal Information:**

**Name:** Manasa Dodda

**Father’s Name:** Devendra Kumar Dodda

**Date of Birth:** 29th Jan, 1994

**Gender:** Female

**Marital status:** Unmarried

**Nationality:** Indian

**Languages known:** Telugu, English

**Declaration:**

I hereby declare that information furnished above is true to best of my knowledge and belief.

**Date:** 04/12/2018

**Place:**  Visakhapatnam