**Surya P G**

**IIB Developer/Admin/Middleware Integration Developer/Integration Specialist/MB/MQ/Message Broker/Message Queue**

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Relocation – Anywhere in US

**Summary:**

* **Web Sphere MQ**, MB professional and Datapower having 7+ years of experience in IBM WebSphere Middleware Development and Administration skills.
* Equipped, highly motivated with strong analytical, reasoning and interpersonal skills with extensive IT experience.
* Experience in Planning, Installation, Configuration, Administration and Maintenance of IBM MQ series on various platforms like LINUX, Windows and Mainframe
* Experience in Enterprise Application Integration (EAI) and SOA Architecture, development with **IBM MQ series 6.x,7.0** various MESSAGE BROKER PRODUCTS (**WMB**/**WBIMB, ESB, MQSI AND WMQI)**
* Having good experience in **IIB** **9.0**.
* Enabling Triggering on MQ queues based on the requirement of various interfaces.
* Experience in IBM **Datapower** XI52/XI50 and WebSphere Integration developer.
* Experience in using WebSphere Business Integration (WBI) to define, create and manage business processes using applications that run-on **SOA**.
* Expertise in different nodes of **WMB** such as **HTTP**, **Web services**, **Web sphere MQ**, File, Transformation and Database.
* Extensive experience in securing SOA Implementations and integrating Heterogeneous systems using **IBM** **Datapower**, **Integration Bus (Message Broker).**
* Performed admin tasks using **MQSC** scripts.
* Strong Server and network trouble shooting skills with excellent team work skills.
* Troubleshooting and managing **IBM** **WebSphere** **MQ** queues, channels, listeners, intercommunications (**TCP**/**IP**) and triggering.
* Performed admin tasks using **MQSC** **scripts**
* Strong experience in Web Services implementation (**REST** & **SOAP**).
* Experience in deployment of the J2EE applications on **Apache** **Tomcat** and **WAS**.
* Expertise in writing scripts to deploy Message Flows and Message Sets.
* **MQ** error logs, **JMS** logs and trace files
* Strong understanding of hub and spoke, service facade, and service proxy patterns.
* Migrating applications from version to version.
* Strong experience in configuring **WebSphere** **ESB**.
* Well versed with **XML** related technologies like **XML** Schema, **XSD**, **X** Path and **XSL**.
* Experience in developing XMLs, Java Script and Java classes for dynamic HTML generation to perform the server side processing on the client requests.
* Experience in developing applications using Java and J2EE technologies like JSP, Servlets, JDBC, Enterprise Java Beans (**EJB 2.0),** **Struts**, spring, **JSF**.
* Strong programming Knowledge using **ESQL**, JAVA.
* Good knowledge on Core JAVA components, such as: Concurrency, Persistency, working with the **JVM**, multi-threading.
* Expertise in Core Java with knowledge of Multithreading, Concurrency and Memory Management.
* Hands on experience in collecting requirements and developing design documents
* Extensive Experience in point-to-point and pub/sub messaging features
* Highly motivated team member with strong communication, analytical and organizational skills
* Proven ability in quick understanding and learning of new technologies and their application in business solutions.

**Professional Experience:**

**Union Bank Jersey City, NJ** *March 2016 to Present*

**IBM Integration Bus (IIB) Developer / Integration Specialist/Admin**

**Responsibilities:**

* Developed Message Flow interfaces using WMB to transform messages to meet their business needs with the help of IBM Primitive nodes i.e. Compute Node, Filter Node, Route-To-Label, Reset Content Descriptor, Trace and **XML** Transformation Nodes.
* Developed Message Flows to process Leads received from various sources using IBM Integration Bus (**IIB**) and **WebSphere MQ** (**WMQ**)
* Modified ESQL within Message Flow Compute and Filter nodes to simplify processes.
* Created the Message Sets, Message definitions to encapsulate the business logic using MRM import techniques and message flows using **ESQL** to interface with various systems. Business Logic includes Data Transformation from **XML** Schema and **WSDL**.
* Developed test harness to test the web services which helps test teams to test web service components independently using various request and response xml
* Implemented Publish Subscribe using **IBM Integration Bus (IIB V9.0)** and WebSphere Application Server (**WAS** **8.5**).
* Closely working with QA, Business and Architect to solve various Defects in quick and fast to meet deadlines.
* Worked on Defining and maintaining Queue Managers, Queues, Channels and other **MQ** Objects on various platforms.
* Responsible for Designing, developing, unit test and integrated Message Broker flows in **WMBv7** and **IIB9**.
* Documented, tested and provided on-going support for applications.
* Created **MQ** infrastructure designs and worked with **MQ** team for implementing designs.
* Designed different components of the transition including Validation, Worked with **CWF**, **TDS** and **XMLNS**, **XMLNSC** message formats.
* Written Database triggering through IIB message flow using ESQL with Mapping Node and DFDL
* Worked with tools like **IR360** and **RFHUtil** to work with WebSphere MQ objects like queue managers, queues, listeners, channels etc.

**Environment:** IBM WebSphere MQ, WebSphere Message Broker V7.0, IBM IIB RFHUtil, Soap UI, ESQL, Java, AS/400, SQL, Oracle, Z/OS, AS/400, Linux, Windows, AIX, Solaris, Quality Center, WAS 8.5, IR360, FTMv2.0,3.0.0.5.

**Wells Fargo Charlotte, NC** *November 2014 to February 2016*

**IBM Integration Bus (IIB) Developer /Message Broker (MB) Developer**

**Responsibilities:**

* Worked with stakeholders to understand the current design and new implication need to make for migration to **IIB**.
* Worked on Cutover plans and functional specification documents with the end users, stakeholders to sign off on the requirements and with the technical teams for their better understanding of the requirements.
* Prepared Mapping Documents/Requirement Documents (**FSD**) after the requirements gathering and reviewed them with the end users.
* Developed a flow for migration from **eGate** to **IIB** and **DUFTS** to **MQFTE**.
* Worked on integration of DB2 and Global Cache to IIB flows with load balancing.
* These flows were developed using Soap Nodes and Compute Nodes.
* Worked extensively on Mapping Node using the Custom ESQL property for transformation purpose and also configured the Database.
* Developed message flows for transforming data from one format of XML to other format of **XML** using **XSLT** node.
* Created DFDL for Delimited and fixed length messages.
* Extensively worked on creating IIB Applications and Libraries for message flow development.
* Developed message flow interfaces using WMQ to transform message between different clients to meet their business needs with the help of IBM primitive nodes i.e. Compute node, Filter node, Route to Label, Reset Content Descriptor, and Database nodes. Message flows and the sub flows will process all requests.
* Extensively used Trace nodes for error handling in the message flows.
* Closely working with **QA**, Business and Architect to solve various Defects in quick and fast to meet deadlines.
* Involved in creating Queue Managers, Clusters, and Shared channels.
* Created a deployable broker archive (**BAR**) file. Configured and deployed the BAR files to Brokers on test environment on Windows servers.
* Worked on Quality Center (**QC**) for testing of the Application
* Worked in transformations of **XML** and **TDS** format messages.
* Involved in preparing Test Cases, Code Review, Deployment and Documentation.
* Participated in daily and weekly test and status calls.
* Providing Hyper care support for project in Live
* Giving support 24x7 to Offshore Team for defect fixing.

**Environment:** IIB10.0, WMQ 8.0, Web Services, Java, XML, XSLT, SOAP, SQL, ESQL, Oracle 10g, LINUX, Windows 7.0., Z/OS, AS/400, Quality Center, Apache Server, Data Power

**InRhythm Solutions, India** *September 2013 to October 2014*

**Message Broker Developer /SOA Developer /DataPower Consultant**

**Responsibilities:**

* Involved in design and development phases of Software Development Life Cycle (SDLC) for implementing messaging interfaces.
* Responsible for identifying and creating the MQ objects required for the interfaces.
* Created Configuration manager, Brokers, Queue Managers, define Objects, channels, SSL
* Clustering, shared channels, shared objects.
* Prepared mapping documents for each individual interface.
* Developed Message Flows, ESQL Statements, Message Sets, Pub/Sub applications.
* Developed Message flows without Message set which used custom **XSD**/**XSLT** transformations to transform into XML and Fixed Length Message (**TDS**).
* Developed message flows which did **XML**/**XSLT** transformations, **CWF**-**TDS** transformations and conversions from one format to another, **SOAP**/**HTTP** **XML** to IMS (**MRM**) mappings and transformations.
* Datapower **XI50** Implementation **WTX**/**Cobol** Copy Book Implementation
* Implemented **ESQL** logic for database lookups, Metadata-Driven Processing, Message Validation/ Translation/Transformation, Exception Handling and Stored Procedures for batched code set lookups.
* Involved in Debugging ESQL and Java code.
* Processed XML messages with exceptions and performed Message transformations, translation, validation for incoming messages, **XML** File lookups, database inserts, https posts and java calls to backend systems.
* Implemented Service Oriented Architecture (**SOA**) with XML based Web Services (**SOAP**/**UDDI**/**WSDL**).
* Monitor logs and Queue depths to proactively find potential problems.
* Troubleshooting and debugging routing and data conversion issues.
* Actively involved in decision-making process ensuring quality Deliverables.
* Developed test cases for Common flows and tested those test cases in **UT** (Unit Testing), ST (System Testing) and IT (Integration Testing).
* Responsible for performing Post Deployment validation at the time of release / implementation
* Collaborated with the QA team to develop test plans, test scenarios and test cases
* Coordinated with test team in resolving defect reports (DR#) throughout SDLC process.

**Environment:** IBM Web MQ Series 6.0, 7.0, 7.5 DB2, UNIX, Linux, Main Frames, AIX, Datapower, Message Broker 7.0, IIB, MQMON.

**Bharti Airtel, India** *June 2010 to August 2013*

**Message Broker Developer**

**Responsibilities:**

* Involved in the high-level design of Messaging architecture comprising of Message Broker, WPS, SAP, MQ Series and Web methods
* Developed Message flows and Message sets to Process **XML**, Copy Book, Text, IDOC and Data object Formats
* Provided administrative support for **Middleware** Environment
* Developed Message flows to process Outbound Messages to **SAP** from Message Broker
* Developed Message flows using SOAP and **HTTP** nodes to implement web services and WS-Security
* Designed and Implemented MQ Clusters in MQ design for maximum performance
* Acted as a bridge between off shore and on shore teams by guiding and resolving the day to day issues and meetings.
* Created Mapping documents, Functional and Technical design documents for various service initiatives
* Troubleshoot and resolve issues in Production by utilizing Logs, User traces and involved in rising PMRs with **IBM** to resolve issues.
* Created and configured **MQ** Objects like Queue Managers, Remote queues, Local Queues, Queue aliases, Channels, Clusters, Transmission Queues, Performance Events, Triggers, Processes, MQ error trapping applications and performance tuning/monitoring.
* Configured Cluster and full repository environment for the Queue Managers in the network.
* Development of customized XML, MRM and TDS based messages for various card applications
* Designed and developed **Mediation flows, SOAP/HTTP XML** to **IMS** (**MRM**) mappings and transformations.
* Worked on performance, scalability, and durability evaluations, XPATH for simplified tree access in the message flow, java compute node to develop user defined properties to develop node customization
* Interacted with customers to get the new requirements, enhancements and bugs, Doing impact analysis and conducting kick off meetings.

**Environment:** Message Broker 7, 6.1, 6.0, MQ series, WTX, Web methods, SAP, Java/J2EE, Process Server, WXS, Windows, AIX, Oracle, DB2.