MADHUSUDHAN PERAM



Objective:



To put into practice the knowledge gained from time-to-time by striving hard to improve, advance & implement the knowledge thus gained. To be a continuous learner and help self and the organization by contributing valuable thoughts and ideas.

Professional Summary:

* 7.9 years of experience in IT industry.
* Currently working with Tata Consultancy Services Limited.
* Currently acting as Technical Lead for Message Broker projects. Looking after Software Engineering practices implementation and adherence to them in my team.
* Involved in all phases of Software development Life cycle such as Requirements Analysis, System Analysis & Design, Development, Testing, Deployment and Maintenance.
* Working experience and exposure to Enterprise Application Integration (Middleware) and Core Technologies.
* Experience in design and development of integration solutions leveraging IBM WebSphere MQ V6.x & V7.x, IBM WebSphere Message Broker V6.x, V7.x V8.x and IIB9.
* Experience in design and development of integration solutions with IBM Datapower Appliances V5.0
* Experience in design and development of integration solutions with Redhat JBoss Fuse ESB.
* Hands on experience on IBM BPM Standard V8.5 and IBM BPM Advanced V8.5.
* Involved in migration activities of Aviva’s I&M Infrastructure (IBM WMB V6.x) to IBM WMB V8.x initially and then to IIB9.
* Followed Software Engineering Practices like – Test Driven Development (TDD), Behavior Driven Development (BDD), Continuous Integration (Jenkins), Static Code Analysis, Code coverage.
* I have implemented Continuous Integration tool Jenkins for message broker. Added all message broker services into Jenkins and then instructed my team to follow for all projects.
* Developed customized Code Coverage tool for Message Broker ESQL.
* Very good experience with Agile projects. Good knowledge on all Agile ceremonies. Delivering projects in Agile way from last 3 years.
* IBM Certified SOA Associate [2008].
* IBM Certified WebSphere Message Broker V7.0 Solution Developer.
* IBM Certified WebSphere Message Queue V7.0 Solution Designer.
* Gained experience interacting with multiple vendors working for the same project.
* Very good SOA knowledge as I was involved as service designer initially when Aviva started thinking of SOA implementation in their landscape.
* Good knowledge on REST and API Management. Involved in proposal of using WSO2 API manager as exposing API’s in Aviva.
* Currently working on proposal in defining guidelines to convert existing SOAP services to REST.
* Worked at Client Location for more than 2 years, gained customer facing experience & received constant positive feedback from the Customer
* Got appreciation from the Client for giving a ZERO-bug release in moving Aviva’s IT Infrastructure to a Future Mode of Operation during GCS Transformation
* Got ‘On The Spot’ Award twice in my present team.

Technical Skills:

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| Operating Systems | MS Windows (98, 00, XP, Vista, Seven), IBM AIX 5.x, Linux |
| Middleware  Technologies | IBM Websphere Message Broker V6.x, IBM Websphere Message Queue V6.x, IBM Websphere Message Broker V7.x, IBM Websphere Message Queue V7.x, IBM Websphere Message Broker V8.x,  IBM Datapower Appliance V5,  IBM BPM Standard V7.5,  IBM BPM Advanced V7.5,  Redhat Jboss Fuse ESB |
| Middleware  Tools | IBM Websphere Message Broker Toolkit, IBM Websphere Message Broker Explorer, IBM Websphere Message Queue Explorer, IBM Websphere Command Console  IBM Process Designer, IBM Integration Designer, JBoss Fuse IDE. |
| Programming Languages | SQL, ESQL, Java |
| XML Technologies | XML, XSL, XSD, XPATH, WSDL |
| RDBMS | MS SQL Server 2005/2008, MySQL, Oracle 9i, IBM DB2 |
| Application Software | MS Office 2010 & MS Visio 2010 |
| Tools & IDEs | Altova XML Spy 2011, IBM DB2 Control Center , MS SQL Server Management Studio, RfhUtils, MO71 WMQ Administrator Console, QPasa, WinCVS, GIT Extension, Eclipse, JBoss Fuse IDE,  NetBeans. |
| Version Control System | Concurrent Version System (CVS), GIT |

Work Experience:

Tata Consultancy Services Limited: May’ 2010 to Present

Infosys Technologies Limited: Jun’ 2007 to April’ 2010

Project Details:

**PROJECT PROFILE: #1**

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| --- | --- |
| Project | **Claims Handling** |
| Customer | Aviva General Insurance |
| Team size | 3 |
| Period | Oct’14 – Till Date |
| Role | Redhat JBoss Fuse Developer, Senior Designer and Technical Lead |
| Description | Motor claims are handled in Aviva by sending request to Audatex system which will allocate Motor repair companies to repair vehicles.  This project is to send requests to Audatex from Guidewire Policy Center. |
| Responsibilities | Fuse Developer responsibilities:   * Fuse service build to add security at gateway. * Involved in design of JBoss Fuse * Service contract preparation for the service.   Technical Lead Responsibilities:   * Interaction with Clients on a daily basis to get business requirements. * Code development. * Code review and assistance to other developer. * Ensure Software engineering practices adherence in my project. |
| Tools | Redhat JBoss Fuse IDE V7.1.1, FMC |
| Languages | XML, Camel, Java, Spring DSL |

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| Project | **Vehicle Mobility Handling** |
| Customer | Aviva General Insurance |
| Team size | 3 |
| Period | May’14 – Sep’14 |
| Role | Datapower Developer, Senior MB Designer and Technical Lead |
| Description | As part of QMH motor claims handling, Aviva needs to engage external suppliers for Motor repairs and motor replacements.  This project is to develop an ESB message broker service which process vehicle details to suppliers like Quindell and Helphire.  Vehicle Mobility is the service built on MessageBroker and at Gateway we have built a Datapower XG 45 service. |
| Responsibilities | Datapower Developer responsibilities:   * Built Datapower service to add security at gateway. * Involved in initial analysis of recommending Datapower appliance to act as gateway for Aviva.   MB Designer and Technical Lead Responsibilities:   * Message Broker service low level design preparation. * Interaction with Clients on a daily basis to get business requirements. * Code development. * Code review and assistance to other developer. * Ensure Software engineering practices adherence in my project. |
| Tools | IBM Websphere Message Broker V6.x on AIX 5.x,  IBM Websphere Message Broker V6.x Toolkit,  IBM Websphere Message Broker Command Console, GIT,  WinCVS, TCP Mon ,  Quality Center, XML Spy 2008, SQL Developer 1.2,  Datapower XG45 appliances |
| Languages | ESQL, WSDL, XML, |

**PROJECT PROFILE: #2**

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| Project | **CreditRating Service** |
| Customer | Aviva General Insurance |
| Team size | 4 |
| Period | Jan’14 – Apr’14 |
| Role | Senior Designer and Technical Lead |
| Description | Aviva has a requirement to validate the Credit history of a person who comes for insurance. Aviva has chosen CRA agency as provider to get the rating for individuals in UK.  As part of this project we have built an ESB SOA service called ‘CreditRatingData’. This ESB service is built in Message Broker. Also as CRA is external to Aviva, we have built CreditRatingFactors JBoss Fuse gateway service. This service will be called by many consumers in Aviva to get the credit history of a person.  Below are the technical specifications implemented in MB service –   * Exposed this as both MQ and Http enabled. * Http webservice call is made initially to get credit rating from CRA. * With the response from CRA, another call is made to dynamic pricing to get ARI2 factors using CRA output. * Finally send the CRA response and ARI2 factors back to consumer. |
| Responsibilities | Designer and Technical Lead Responsibilities:   * Coordinating with business to get requirements. * Involved in Requirement analysis, Detailed Level Design. * Interaction with Clients on a daily basis to get business requirements. * Get the work done by offshore team. * Low level design reviews. * Code review. * Ensure Software engineering practices adherence in my project. |
| Tools | IBM Websphere Message Broker V6.x on AIX 5.x,  IBM Websphere Message Broker V6.x Toolkit,  IBM Websphere Message Broker Command Console, WinCVS, TCP Mon ,  Quality Center, XML Spy 2008, SQL Developer 1.2,  Redhat JBoss Fuse IDE V7.5 |
| Languages | ESQL, WSDL, XML, Camel, Java, |

**PROJECT PROFILE: #3**

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| Project | **Guidewire** |
| Customer | Aviva General Insurance |
| Team size | 12 |
| Period | Jan’13 – Dec’13 |
| Role | Onshore Coordinator for few months, Technical Lead and Senior Designer at offshore |
| Description | Aviva started implementing Guidewire program to migrate their commercial business into Guidewire product.  Guidewire provides two functionalities   * Guidewire Policy Center * Guidewire Claim Center   Guidewire Policy center acts as policy admin system which manages Policy lifecycle and provides all options to handle personal and commercial insurance polices. Guidewire Claim Center is used for handling claims for Aviva policies.  As part of this project all Aviva existing Policy and Claim administration systems needs to be migrated to Guidewire. To fulfill the objective of maintaining documents of policy and claims, we have built message broker ESB enterprise service –Document.  Dialogue is the system which generates PDF and content manager is the system used to store Aviva documents. Document service will act as ESB service between Guidewire Policy center, GUidewireClaim Center, Dialogue and Content Manager.  The following are the operations for Enterprise Document service.   * createDocument * insertDocument * retrieveDocument * searchDocument * CreateStoreAndDistribute * deleteDocument * updateDocumentMetaData * initiateDocumentRetry |
| Responsibilities | Service Designer responsibilities:   * Set up SoapUI to get the business data tested. * WSDL creation for the service. * Service contract preparation for the service. * Message Broker design preparation at high level.   Other Responsibilities:   * Coordinating with offshore to give requirements. * Involved in Requirement analysis, Detailed Level Design * Interaction with Clients on a daily basis to get business requirements. * Get the work done by offshore team. * High level design document preparation for few operations. * Low level design reviews. * Code review * Ensure Software engineering practices adherence in my project. |
| Tools | IBM Websphere Message Broker V6.x on AIX 5.x, IBM Datapower Appliance V5.0,  IBM Websphere Message Broker V6.x Toolkit,  IBM Websphere Message Broker Command Console, CVS Version Control, WinCVS, TCP Mon ,  Quality Center, XML Spy 2008, SQL Developer 1.2, Axis Framework |
| Languages | ESQL, WSDL, XML, XSLT, DB2, SQL , MQ |

**PROJECT PROFILE: #4**

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| Project | **PolicyLookup Service** |
| Customer | Aviva General Insurance |
| Team size | 4 |
| Period | Apr’12 – Dec’12 |
| Role | Senior Developer, Service Designer and Technical Lead |
| Description | Claims handling is critical for any insurance company. Policy Lookup service acts as ESB service in Aviva landscape to provide the latest policy information to claims handling system (POLISY/GEMINI).  PolicyLookUp service provides two operations as below:   * getPolicyDetails * getPIPolicyDetails   Polisy Claim system running on mainframe will call ESB message broker policy lookup service through Axis Framework Adapter to get the latest policy information from Acturis.  Message broker service will call a webservice in case of getPolicyDetails and database stored procedure in case of getPIPolicyDetails operation. |
| Responsibilities | Technical specifications involved in –   * WSDL and service contract creation for this service. * SOAPUI tests execution as per service contract.   Other responsibilities:   * Helping team at offshore to design the solution. * Involved in build for getPIPolicyDetails operation. * Involved in developing getPiPolicyD * Design review. * Code review developed by my team |
| Tools | IBM Websphere Message Broker V6.x on AIX 5.x,  IBM Websphere Message Broker V6.x Toolkit,  IBM Websphere Message Broker Command Console, CVS Version Control, WinCVS, TCP Mon ,  Quality Center, XML Spy 2008, SQL Developer 1.2, Axis Framework |
| Languages | ESQL, WSDL, XML, XSLT, DB2, SQL , MQ |

**PROJECT PROFILE: #5**

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| Project | **Commercial Mini Fleet Rating Factors** |
| Customer | Aviva General Insurance |
| Team size | 6 |
| Period | Aug’11 – Mar’12 |
| Description | Commercial MiniFleet project helped Aviva to launch Minifleet insurance product in UK with the help of Acturis FastTrade front end. Minifleet insurance product is a type of insurance to a company which owns a group of vehicles in UK.  Acturis Fasttrade front end helps the Aviva brokers to generate quote after getting details from the company requesting for insurance. The quote will be sent to Aviva systems to generate Rating factors based on which premium will be generated. The rating factors will be fetched from four systems inside Aviva. The two systems are:   * Dun and Bradstreet system will provide Company score and Established year RatingFactors. * RedFlagRisk system will provide RedFlagged Rating factor. * LocationRisk system provides premise risk factors. * Hunter system will provide factors about the companies fraud history.   The Rating factors from above systems will be sent back to Acturis and then based on the Rating factors , premium will be generated and displayed to the company. |
| Role | Onshore Coordinator, Senior Developer and Designer |
| Responsibilities | Technical Specifications implemented:   * Implemented Aggregation scenario to achieve parallel processing. * Http Input nodes were used to receive SOAP messages from Web services Gateway (Acturis). * Used stored procedures to fetch data from tables. * Followed SOA principles while designing services. * As part of this project we have developed 3 SOA services which has specific business need. (InsurerRiskFactors, D&B servie and RedFlagRisk Service).   Other responsibilities:   * Coordination from Client site. * Involved in requirements gathering alongside with BA’s and solution architects. * Involved in design of solutions with Message broker. * Involved in Build of InsurerRiskFactors Message broker service. * Estimations and executions. * Guided my team in MB design and development. |
| Tools | IBM Websphere Message Broker V6.x on AIX 5.x, Message Queue V7.x on IBM AIX 5.x,  IBM Websphere Message Broker V6.x Toolkit,  IBM Websphere Message Broker Command Console, IBM MQ Explorer, CVS Version Control, WinCVS, TCP Mon ,  Quality Center, XML Spy 2008, SQL Developer 1.2, Axis Framework |
| Languages | ESQL, WSDL, XML, XSLT, DB2, SQL , MQ |

**PROJECT PROFILE: #6**

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| Project | **Aviva UKGI – Integration & Messaging** |
| Customer | Aviva General Insurance |
| Team size | 8 |
| Period | May’10 – July’11 |
| Description | This project was designed to cater the business needs of Aviva in handling Commercial Insurance Policies in UK.  The policies created at Acturis software house needs to be sent to Aviva systems like Content Manager, Oracle Financials and DB2 database for their administration later. This project helps Aviva to track the policies opened by Aviva at Acturis software house and to easily provide the services to the customer over Web Services. |
| Role | Developer and Designer |
| Responsibilities | Technical Specifications implemented:   * Implemented Publish Subscribe scenario. * SOAP Input nodes were used to receive SOAP with Attachments (SWA) messages from Web services Gateway (Acturis). * Database Insert node was used which has mapping from DIS formatted xml to 38 DB2 tables. * Used stored procedures to insert data into tables. * Message set was developed from the Schema file which was used in the database Mapping.   Other responsibilities:   * Involved in complete lifecycle of the project starting from requirements, design (High Level, Detailed Level), coding, testing (Unit, System, Integration) and implementation. * Ensuring the quality of deliverable artifacts. * Responsible for Coding and Unit testing of the interfaces. * Supported System testing and Integration testing. |
| Tools | IBM Websphere Message Broker V6.x on AIX 5.x, Message Queue V7.x on IBM AIX 5.x,  IBM Websphere Message Broker V6.x Toolkit,  IBM Websphere Message Broker Command Console, IBM MQ Explorer, CVS Version Control, WinCVS, TCP Mon ,  Quality Center, XML Spy 2008, SQL Developer 1.2, Axis Framework |
| Languages | ESQL, WSDL, XML, XSLT, DB2, SQL , MQ |

**PROJECT PROFILE: #7**

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| Project | GAP PFI |
| Customer | GAP US |
| Period | Jan’09 – April 2010 |
| Description | Vendor Partner Relations (VPR) project for Perpetual and Financial Inventory (PFI) for Gap Inc involves enhancement of existing RMS application along with its support. The PFI application in Gap Inc is used by business partners to view the inventory positions for its items and the transactions that occur in the system. This information is also provided to the General Ledger for vendor payment.  This project includes identifying areas of improvement in the system and providing enhancements like automation of existing processes, introducing new functionalities and features etc. This project helped to maintain the Enterprise Application Integration infrastructure involved in Perpetual and Financial Inventory (PFI) with other applications within the organization. This Enterprise Application Integration infrastructure had WBI MB interfaces for processing the Orders, Item Creates, Color Create, Prepack messages.  It also involves break fix services, incident management services, problem management services, Application monitoring and performance management, business continuity and disaster recovery planning and activities.  The major enhancement done for WBI MB interfaces for PFI project in Gap Inc is introducing online or Direct channel in UK and Canada. Earlier online channel is present only in US. As a part of the enhancement, this project implemented online channel in UK and Canada. |
| Role | WBI MB Analyst, Offshore Developer :  Responsibilities:   Coordinating with Onsite counterpart.   Involved in impact analysis, Design and enhancement Implementation.   Estimations and executions.   Guided the new comers to quickly scale up on MB V6.0.   Providing emergency fixes.   Providing a support for all EAI middleware components.   Prepared and coordinated the Application Information documents for GAP Interfaces |
| Tools | Websphere MQ Explorer, IBM MB Toolkit 6.0, CVS and Dimensions. |
| Languages | ESQL, SQL, Unix |

**PROJECT PROFILE: #8**

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| Project | Target – Red Box Project |
| Customer | TARGET US |
| Period | May’08 – Dec’08 |
| Description | RedBox is a Guest Order Processing system used to manage guest orders from Target.com/Amazon. Network Strategy program is an enhancement as well as development project with more value ads in terms of fulfilling guest orders by Target’s owned warehouse and their integration.  Orders from guest are tracked & processed and will be send to the warehouses (Owned as well as other) for fulfilling. Upon receiving the notification from the warehouse for fulfilling/cancelling the orders, guest is informed with the confirmation of shipping the order with the shipment details.  As part of this program Guest is provided with more additional facilities as  Cancelling option on already placed order  Intimating the guest on whether order can be considered for shipping within few minutes of guest placing his/her order.  Availability of one single item in more than one warehouse leading to faster fulfilling of guest orders.  Fulfilling orders from all parts of the state leading less shipment costs. |
| Role | WBI MB Offshore Developer and Designer :  Responsibilities:   Coordinating with Onsite counterpart.   Involved in complete life cycle Requirement analysis, Detailed Level Design, Coding, Reviews, Testing (Unit, System and Integration), Implementation and support.   Interaction with Client at times.   Estimations and executions. |
| Tools | WebSphere Message Broker 6.0, WebSphere MQ 6. |
| Languages | ESQL, SQL, Unix |

**PROJECT PROFILE: #9**

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| Organization | **Infosys Technologies Ltd** |
| Project | **Target – POX Implementation** |
| Customer | **TARGET US** |
| Period | Nov’07 – Apr’08 |
| Project Description | Sterling is a purchase Order Processing system used to manage purchase orders for Target.com. This project aims to create interfaces to the applications for which the Sterling communicates to.  This project is designed to facilitate the Sterling Purchase Order (PO) and Transfer Order (TO) Processing. Inbound interfaces supply the feed to the Sterling system for PO/TO creation. Message Broker takes care of supplying the data in the required format as Sterling expects.  The inbound data that flows to Sterling is:  Purchase recommendations, Item Create /Update, Vendor Data Create/Update, WMS to Sterling PO Receipts, WMS to Sterling PO Errors. MB interfaces takes care of routing, transforming of this data to Sterling application as expected.  From Sterling, Outbound WBI interfaces will route the PO/TO messages to different applications in their expected format.  These interfaces were designed with functionality of Timer triggering, batching and sorting the data for consumption by the downstream applications. |
| Role | WBI MB Offshore Developer:  Responsibilities:   - Involved in Complete lifecycle of the project from requirements, design (High Level, Detailed Level), coding, testing (Unit, System, Integration) and implementation. Responsible for requirements gathering.   - Responsible for preparing High Level and Detail Level design documents.   - Responsible for end to end delivery of the interface, including the job documents and release notes.   - Responsible for Coding and Unit testing of the interfaces.   - Prepared and executed the unit test plan.   - Involved in Peer to Peer Reviews to ensure quality of deliverables.   - Continuous interaction with Designers for Requirement - Gathering and clear understanding of the requirements.  Involved in Defect prevention (DP) activities to ensure coding errors were not repeated. |
| Tools | IBM Websphere Message Broker V6.x on AIX 5.x, Message Queue V7.x on IBM AIX 5.x,  IBM Websphere Message Broker V6.x Toolkit,  IBM Websphere Message Broker Command Console, IBM MQ Explorer, CVS Version Control, WinCVS, TCP Mon and Quality Center. |
| Languages | ESQL, SQL |

Professional Certifications:

Cleared the “Test 000-669: IBM SOA Fundamentals (2008)” Certification on March 21, 2013.

Cleared the “Test 000-376: IBM WebSphere MQ V7.0 Solution Design” Certification on March 13, 2013.

Cleared the “Test 000-183: IBM WebSphere Message Broker V6.0 Solution Development” Certification on

Oct 8, 2011.

Personal Details:

Name: Madhusudhan Peram

Father’s Name: Malakonda Reddy Marital Status: Married.

Date of Birth: Dec 18, 1984.

Languages Known: English, Telugu, Hindi (Read, write)

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Availability: 30-45 days.

References: Available upon Request.

Declaration:

I hereby declare that the above furnished data is true to the best of my knowledge.

- Madhusudhan Peram