**VAMSEE VANGALA**

Senior Tibco Consultant

**Professional Summary:**

* Qualified Software Professional with 7 years of total IT experience in analysis, design and development of software applications.
* Experience in design and development of SOA applications.
* Excellent knowledge of Design and Integration patterns, SDLC and RUP.
* Expert level skills in Tibco Active Enterprise Suite – TIBCO/Rendezvous, TIBCO/EMS,TIBCO/Business Works, TIBCO/ADB adapter, TIBCO/SAP R3 Adapter, TIBCO/MQ Adapter, TIBCO/Siebel Adapter, TIBCO/File Adapter, TIBCO/SmartMapper, TIBCO/Hawk, TIBCO/Repository, TIBCO/Administrator.
* Proficient in B2B integrations using TIBCO Active Exchange Suite – TIBCO/Business Connect, TIBCO/EZComm, TIBCO/SOAP, TIBCO/ EDI, TIBCO/Partner Express, TIBXML, Rosetta Net and Turbo XML.
* Strong working knowledge of **XML, XPATH, XSLT** and web services using **WSDL, SOAP**.
* Experience in handling **EDI transactions**.
* Excellent Knowledge in Oracle 8i,9i,10g&11g, SQL Server 2008, My SQL.
* Well Versed in Enterprise Application Integration (TIBCO).
* Excellent communication, interpersonal and presentation skills.
* Expertise in Energy, Health Insurance Government, NPOs ,Banking and FInancial Services.

**Technical Skills:**

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| **EAI Tools** | Tibco Active Enterprise Suite - Rendezvous 8.x, ADB 6.x, MQ Adapter 5.x, Siebel Adapter5.x, Oracle Apps Adapter5.x, SAP Adapter5.x, File Adapter 6.x, Hawk, Business Works 2.x/5.x, Repository, TIBCO EMS/JMS, TIBCO Designer and TIBCO Administrator. |
| XML Technologies | XSL, XSLT, XML, DTD, WSDL and SOAP. |
| Database | Oracle 9.x, 10g, 11g, DB2 and SQL Server. |
| Others | XML Spy, Web Logic, Websphere, IIS, Visual Source Safe and Clear Case, XML Canon, SVC,RTC. |
| Protocol | TCP/IP, Telnet, FTP, SFTP, SOAP and HTTP. |
| Testing Tools | SOAP UI, HP Software Quality Center, SOA TEST. |

**Professional Experience**

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| **Project # 1** |  |
| **Project Title** | **CI** |
| **Client** | **CitiBank** |
| **Duration** | **June 2012-Present** |
| **Environment** | **Solaris 10,Red Hat Linux 6,Windows Professional, Windows Server 2008** |
| **TIBCO&Other Components Used** | **TIBCO – TRA 5.5.0/5.6.2,Business Works 5.6, TIB/EMS 4.4.0, TIBCO Administrator 5.6, MQ Series Adapter,SQL Developer,RTC,Tectia SSH** |

Primarily known as Citibank and centered in the world's top cities, Citi's Retail Banking network consists of more than 4,600 branches across the globe and holds deposits exceeding $300 billion. Citibank offers Checking and Savings accounts, Small Business and Wealth Management among our services. In 2011, we opened state-of-the-art digitized Citi Smart Banking branches in Washington, D.C., New York, Tokyo and Busan (South Korea) and continued renovating our entire branch network. We also opened innovative sales and service centers in Moscow and St. Petersburg and Citi Express modules - 24-hour service units - in Colombia. Branch openings in three new cities in China expanded our presence in the country to 13 cities.

**Responsibilities:**

* Develop & merge exitsng interfaces.
* Support exitising interfaces.
* Bug fixing as part of the user acceptance testing phase.
* Build and deploy tibco interfaces into various environments.
* Requirement gathering and analysis for new modules.
* Design and develop new tibco interfaces for new countries.
* Implemented interfaces using event driven architecture.
* Involved in test execution of the functional and non functional test cases in DIT.
* Analysis and implementing fixes for production issues.
* Implemented **web services** in tibco using **SERVICE & SOAP** **palettes**.
* Extensively usedSOAP, Service, JMS, and HTTP palettes during development.
* Implemented complex transformation logic with XPath and XSLT**.**
* Implemented the security using **SSL**.
* Build common libraries to be used across projects.
* Modified existing interfaces and introduced more common components which can be reused.
* Raising requests for tibco deployments into higher environments.

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| **Project # 2** |  |
| **Project Title** | **IRS,AES** |
| **Client** | **Wells Fargo** |
| **Duration** | **June 2011-May 2012** |
| **Environment** | **HP-UX 11i, Red Hat Linux 6, Windows 2003** |
| **TIBCO&Other Components Used** | **TIBCO – TRA 5.6.0/5.6.2,Business Works 5.6, TIB/EMS 4.4.0, TIBCO Administrator 5.4, Active Database Adapter,File Adapter,SQL Developer,CVS** |

Wells Fargo & Company is a diversified financial services company providing banking, insurance, investments, mortgage,and consumer and commercial finance through more than 9,000 stores and 12,211 ATMs and the Internet (wellsfargo.com) across North America and internationally.

I was part of the wholesale group which handle customers from from mid-sized companies to large corporations, real estate developers/real estate investment trusts, government entities, and international trade finance clients.

IRS stands for Image retrieval service which is developed to retrieve check images from IVS system. It is developed as web service and exposed to the UHG client to use the wells Fargo data store to get the images instead of sending them the images manually via mail or some other mechanism and also to reduce cost for the client in storing the images in their data store.

AES stands for automated enrollment system which is used by sales officers to create sales order form. We have created one web service with two operations and exposed it to TMOLF and BBG which are part of wholesale group to invoke our web service for search or create a sales order form.

**Responsibilities:**

* Created the web service design for both IRS and AES applications.
* Interacted with on site Enterprise Architects, Business Analysts, Technical Leads to get clarification on the architectural directions, business and functional questions.
* Developed both web services in tibco and exposed it to internal wholesale applications.
* Created LLD,HLD and Web service specification document for both services.
* Deploy the developed code on to dev and sit servers as applicable.
* Created **Web Services** by defining **WSDL’s** and using **SOAP activities**.
* Extensively used **SOAP**, **Service**, **JMS**, and **HTTP** palettes during development.
* Implemented complex transformation logic with **XPath** and **XSLT.**
* Implemented the security using **SSL**.
* Designed and developed various XSD schemas for IRS & AES applications.
* IFX based for external clients and WFXML for internal wholesale applications.
* Provide my inputs in creating the game plan for the deployments for higher environments UAT, PFIX, PROD, BCP.
* Tested the interface for functionality and performance.

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| **Project # 3** |  |
| **Project Title** | **Strategic Integration Project** |
| **Client** | **World Vision US** |
| **Duration** | **July 2010-March 2011** |
| **Environment** | **HP-UX 11i, Red Hat Linux 6, Windows 2003** |
| **TIBCO Components Used** | **TIBCO – TRA 5.6.0/5.6.2,Business Works 5.8, TIB/EMS 6.0.0, TIBCO BW Administrator 5.6, Active Database Adapter 6.0.0,File Adapter 6.0.0, TIBCO Hawk 4.8.1,Lotus Notes Adapter 5.3.0, SVC, Microsoft Visio ,XML Spy, SOAP 1.1 ,WSDLs, CA SOA Gateway, FTP, SFTP** |

The project team along with selected customers developed “user-stories” to drive out an initial set of requirements within the context of data integration. These requirements were amended with additional requirements that had been developed by World Vision’s Enterprise Architecture team to meet near-term needs expressed by World Vision business teams. From these requirements the SIP team developed four patterns that spanned World Vision’s current needs as well as some near-term ones.

**Responsibilities:**

* Involved in the design architecture of the Enterprise Service Bus.
* Responsible to implement SOA/ESB solution using Tibco Stack
* Involved in development of proof of concepts for the ESB four patterns.
* Designed the class diagrams, sequence diagrams using UML.
* Created architecture flow diagrams in visio.
* Created ESB technical design documents.
* Involved in the design of ESB Canonical model across the enterprise using schema.
* Responsible to create tasks and report them to the manager.
* Responsible to manage tibco environments.
* Designed ESB templates for the construction of business work flows in tibco.
* Provided necessary tibco technical expertise to architects and project managers.
* Configured web services and exposed to client and partner applications
* Designed and developed various schemas for donor vision applications.
* Created **Web Services** by defining **WSDL’s** and using **SOAP activities**.
* Extensively used **SOAP**, **Service**, **JMS**, and **HTTP** palettes during development.
* Created FTP process for retrieving USPS Postal Files.
* Configured file adapter publication service to read the USPS stand flat file.
* Created and configured queues, topics and users in tibco ems servers.
* Designed and developed various business works processes to convert data from source application format to target application format.
* Implemented complex transformation logic with **XPath** and **XSLT.**
* Responsible for setting up of dev, test, sit environment on Windows 2003 Server.
* Deployed the service onto various environments by using TIBCO APPMANAGE Scripts.
* **Build the EAR Files** for different processes and Adapters from TIBCO Designer.
* Update the **Global variables** by using **AppManage** tools.
* Created and Updated the shell scripts required for deployment
* Deployed **the “.ear” files** on the Development, Testing boxes
* Tested the interface for functionality and performance.
* Deployed the service onto various environments by using TIBCO BW Administrator.

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| **Project # 4** |  |
| **Project Title** | **CCMS V4 Court Application** |
| **Client** | **Administrations of Court** |
| **Duration** | **Oct 2007- June 2010** |
| **Environment** | **Solaris 10, Windows 2003** |
| **TIBCO&Other Components Used** | **TIBCO – Business Works 5.7, TIB/EMS 5.1.0, TIBCO BW Administrator 5.6, Business Connect 5.2,Tibco SOAP Protocol ,Tibco SmartMapper Adapter & Plug-in 5.3, TIBCO Adapter for SAP R3 5.2, TIBCO Hawk 4.8,XMl Spy, Rational Clear Case, Rational Rose, Magic Draw, Microsoft Visio ,SOAP 1.1 ,WSDLs, Oracle Web services Manager Security, FTP, SFTP** |

AOC has one of the biggest projects with ISB implementation, exchanging data with 58 county courts and their integration partners.

Each day AOC has to deal with thousands of cases. AOC has to keep track of the cases. The users & clerks needed a simple interface to see all the cases and other case related information. If there are problematic cases, users needed an interface to enter correct information and update the system. This was achieved using html, java code & oracle database and ISB.

**Responsibilities:**

* Involved in the design architecture of the ISB Framework components.
* Involved in development of proof of concepts to given requirements.
* Involved with data exchanges functional team in doing CCMS-V4 to NIEM mappings.
* Designed the class diagrams, sequence diagrams using UML.
* Created architecture flow diagrams in Visio.
* Created Data Exchanges Technical design templates.
* Designed ISB Templates for the construction of Data Exchanges in Tibco.
* Lead a team of four tibco developers.
* Responsible in creating tasks and assign them to the developers.
* As a team lead involved in manager team meetings to report the tasks and status of the developers.
* Created Business Agreements, Partner Profiles and SOAP Operation in Business connect to interact with integration partners.
* Configured DMZ for business connect server on SANDBOX Environment.
* Configured **web services** and exposed to CCMS-V4 and Integration Partner applications
* Extensively used **SOAP**, **Service, JMS**, and **HTTP** palettes during development.
* Created and configured queues, topics and users in tibco ems servers.
* Deployed Web Services by defining **WSDL’s** and using **SOAP** activities.
* Implemented the security using **SSL** and **WS-Security.**
* Designed and developed various XSD schemas for CCMS-V4 applications and NIEM based for Integration Partners.
* Involved in the design of ESB Canonical model across the enterprise using schema.
* Involved in development of NIEM Schemas for Integration Partners.
* Designed and developed various business works processes to convert from CCMS-V4 to NIEM Format.
* Implemented complex transformation logic with **XPath** and **XSLT**
* Involved the gathering requirements and design of common logging, error handling service, Duplicate detection, Sequencing, Routing, and Correlation with the Interface.
* Built test harnesses using TIBCO Designer.
* Unit testing the interface code
* Involved in setting up of sandbox environment on Solaris box.
* Involved in capacity planning of Tibco Infrastructure.
* Deployed the service onto various environments by using TIBCO APPMANAGE Scripts.
* **Build the EAR Files** for different processes and Adapters from TIBCO Designer.
* Update the **Global variables** by using **AppManage** tools.
* Created and Updated the shell scripts required for deployment
* Deployed **the “.ear” files** on the Development, Testing and Production boxes.
* Supported **Testing Environment** to test the code.
* Involved in Proof of concepts for Oracle Web services Manager which is a security component between ISB and Integration partners.
* Tested the interface for functionality and performance.
* Deployed the service onto various environments by using TIBCO BW Administrator.
* Performed unit testing, integration testing and performance testing.
* Resolution of HP Service Manager Incidents & Service Requests for TIBCO middleware.
* SIT support and fixing the defects.
* Fine tuning the interface performance.
* Support calls with TIBCO**–** Follow-up and issue resolution.

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| **Project # 5** |  |
| **Project Title** | **HSC** |
| **Client** | **CareFirst** |
| **Duration** | **Feb 2007-Aug 2007** |
| **Environment** | **HP-UX ,AIX UNIX, Windows 2000** |
| **TIBCO&Other Components Used** | **Business Works 5.3, TIB/EMS 4.3.0, TIBCO Adapter for MQ Series 5.2,ActiveDatabaseAdapter5.2,FileAdapter5.2,XMLCanon,TURBOXML,XML,XSD, XSLT, WSDL, SOAPSERVICES, Amber Point, Systinet, Gtivory, SOATEST** |

Health System Conversion (HSC) is huge implementation of integration in CareFirst. Middleware is part of HSC includes the design and development of various services which integrates various front end systems including Facets and Web applications with Back end main frame systems and DB2 databases. Middleware services are being implemented with Tibco technologies by leveraging the features provided by TIBCO.

SAP: Solutions Architecture Package in which we have different stages SAP1 is Facets upgrade and SAP2 is EAB Migration. The Facets Membership System upgrade involves the migration of the database from Sybase to Oracle. Tibco Active database Adapter is used to capture all commits done in Oracle. TIBCO Business Works process filters the data per the business rules specified in KD01 functional specs, formats the data extract to the Flexx format and then hands it off to the MQ series application through the MQ Series Adapter to update the FLEXX Eligibility files.

**Responsibilities:**

* Involved in the design of the integration flow between various tiers from source to target.
* Involved in the installation and creation of EMS servers and Queues and topics.
* Worked with Oracle Database & Facets team and Flexx (Mainframe) team to design and create various interfaces (XSDs) between the systems
* Worked in the configuration of ADB adapter to publish the data from ODS to JMS queues.
* Worked in the configuration of MQSeries Adapter to convert incoming data to copybook format.
* Developed various TIBCO/BW Processes to implement the projects.
* Involved in the deployment of the project into various environment by using TIBCO Business Works Administrator
* Developed and implemented reusable processes for error handling.
* Created XML schemas (XSDs) for XML transactions using TURBO XML.
* Worked on the test scenarios to cover each and every branch of the developed processes.
* Developed test scripts and involved in various levels of testing including Unit testing, Integration testing and benchmarking in UNIX environments

CareFirst uses Business Connect to exchange information with trading partners. Currently CareFirst has multiple trading partners.

**Responsibilities:**

* Involved in installation of Business Connect into various environment.
* Created Business Agreements, Partner Profiles and EDI X12 Operations in Business Connect Server.
* Involved in the design and development of processes for transactions like 837 (inbound and outbound), 834, 835 (inbound and outbound), 271,272,276,277,278, 997 response
* Configured DMZ for business connect server on SANDBOX Environment.
* Developed Integration interfaces to interact with trading partners.
* Tested the interface for functionality and performance.
* Deployed the service onto various environments by using TIBCO BW Administrator
* Migrated the process to the production environment and deployed the process.

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| **Project # 6** |  |
| **Project Title** | **Jet Stream Phase-3** |
| **Client** | **BG Group** |
| **Duration** | **Nov 2006-Jan 2007** |
| **Environment** | **HP-UX 11i ,AIX and Windows Server 2003** |
| **TIBCO&Other Components Used** | **TIBCO – Business Works 5.x, TIB/EMS 4.3.0, TIBCO Adapter for SAP R3 5.2, TIBCO BW Administrator, Active Database Adapter 5.2,File Adapter 5.3, TIBCO Hawk 4.5, XML, XSD** |

British Gas is one of the major LNG companies which are implementing TIBCO process for their EAI. We are involved in extracting the A/R customer information to automate the reconciliation process between there trading system Nucleus R14 and SAP FI/CO. The process will involve extracting data from SAP and Nucleus and storing it in the Operation Data Store for reporting purposes. The data required will be extracted from SAP on a daily basis at the customer level.

**Responsibilities:**

* Involved in the design of the Integration interface.
* Configured **SAP R3 adapter invoke request-response** service to extract the data from SAP R/3 system.
* Configured ADB adapter for oracle database and used opcodes to insert or update into database
* Designed and developed various XSD schemas for **Common Data Model.**
* Designed and developed various business works processes to convert from BAPI’s to custom format
* Implemented complex transformation logic with **XPath and XSLT**
* Implemented the common logging and error handling service with the Interface.
* Tested the interface for functionality and performance.
* Installed and configured TIBCO EMS fault tolerant servers, queues, topics, routes, zones, users and groups
* Deployed the service onto various environments by using TIBCO APPMANAGE Scripts.
* **Build the EAR Files** for different processes and Adapters from TIBCO Designer.
* Update the **Global variables** by using **AppManage** tools.
* Created and Updated the shell scripts required for deployment
* Deployed **the “.ear” files** on the Development, Testing and Production boxes.
* Supported **Testing Environment** to test the code.
* Created **Hawk Rules** on deployed Process and Adapter Engines.
* Created Hawk rule bases using TIBCO HAWK 4.5
* Deployed code into DEV, Testing and Production boxes.
* Provided rotational on-call Production support for all the EAI applications.
* Developed testing BW processes to test the core BW processes.
* Performed unit testing, integration testing and performance testing.
* Designed and developed Global error handling and auditing processes.
* **Supported Production** Environments for 24/7.