**PAVAN KADARLA**

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**SUMMARY**

* Technical Lead and Module Architect with over Twelve years (12) of IT experience in IBM WebSphere Product Suite with core competencies in IBM Web Sphere Message Broker, IIB and MQ on various platforms.
* Designed and led a technical team of multiple developers and testers:
* Involved in end to end SDLC lifecycle.
* Expertise in implementing projects with agile methodology.
* Prepared SPOC for requirement analysis from clients DBR (detailed business requirements) and worked with development teams to design and deploy.
* Expertise in configuring Oracle, Informix and IBM DB2 data Sources.
* Core developer for Message broker interfaces that include different protocols like MQ, FILE, SOAP, HTTP and JMS.
* Worked on SAP adapters for BAPI, iDOC to integrate with SAP Processing Systems
* Expertise in monitoring and debugging the issues in real time environment for Message broker interfaces.
* Extensive Experience in design, development, configuration and administration of various IBM tools and products which includes IBM WebSphere DataPower XS40, XG45, XI50 and XI52, IBM WebSphere Message Queue, IBM WebSphere Message broker, IBM Integration Bus
* Expertise in Message level and Protocol Level Transformations using IBM DataPower and IBM WebSphere Message Broker.
* Experience in implementing Static and Dynamic Routing using IBM WebSphere DataPower.
* Expertise in modeling data using DFDLs.
* Expertise in creating efficient way of error handling, logging and auditing mechanism for Message broker interfaces based on project needs and business data.
* Proficient in using ESQL and Java.
* Excellent background in application development, shell scripting and testing middleware systems.
* Proficient in XML related technologies like DTDs, XML Schema, XSL and XPATH.
* Core player in designing the system architecture using optimized solutions in Message Broker and Data Stage.
* Played a key role in customizing and enhancing the existing applications of the project.
* Highly qualified and had a very good track record in designing the middleware layer using Message Broker WMB/WBIMB interfaces, MQ Series and other SOA components.
* Good experience in doing administration jobs for IBM Web Sphere family.
* Experienced in object oriented programming JAVA/J2EE technologies.
* Excellent in team management and communication skills.
* Experienced in providing BPM solution using PEGA BPM tool.
* Substantial experience in creating Message Models for CWF, TDS, WSDL and EDI, Name-Value pair MRM formats and also with Cobol Copybooks.

**EDUCATION**

* Master of Computer Applications from Osmania University, Hyderabad, India

**SKILLS**

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| --- | --- | --- |
| IBM Tool Suite | IBM Web Sphere MB V 6.1, 7.0 and 8.0 ,9.0(IIB)MQ V6, V7 | |
| Programming Languages | Java, C, C++ |
| IDE | Eclipse 2.0 |
| Java Technologies | JSP, Servlets, JDBC and JMS, Java Script. |
| Tools | AppWatch, Qpasa, Rfhutil,SOAPUI,Postman |
| Web Technologies | JavaScript, jQuery, HTML, XML, CSS, XSL |

RDBMS Oracle, DB2, SQL Server

Operating Systems AIX, UNIX, Windows

**EXPERIENCE**

**May’17 – ESSENDANT, Deerfield, IL**

Essendant, formerly known as United Stationers, is a leading national [wholesale](https://en.wikipedia.org/wiki/Wholesale) distributor of workplace essentials. Essendant stocks a broad assortment of over 160,000 items including traditional [office products](https://en.wikipedia.org/wiki/Office_product), [office furniture](https://en.wikipedia.org/wiki/Office_furniture), janitorial and break room supplies, technology products, industrial supplies and automotive aftermarket tools and equipment.

Migration of Essendant’s existing WESB / WTX Platform to IIB / ITX Tool Set. This engagement involves around 27 Interfaces in WESB and 96 Maps in WTX which must be migrated to IIB / ITX Platform. This migration Effort would be implemented by Rapid Integration Methodology (RING) to migrate all the WESB and WTX Components to IIB and ITX Tool Set.

**Key activities include:**

* Creating High Level Design documents for IIB from existing WESB Mediations.
* Modeling the data using DFDL and creating Mapping documents for Interfaces.
* Development of web service based Interfaces in IIB.
* Coordinating Project activities and tasks, as well as dependent deliverables
* Develop Performance & Capacity Test Plans of migrating application
* Coding, stress testing and load testing of applications for migration.
* Provide documentation support and best practices.
* Implementing Rest Services and SOAP based web Services, SSL configuration, Authentication Setup

**Environment:, IIB 10.0.0.8, AIX, ORACLE, DB2,ITX,MQ 7.5,** **IBM Websphere DataPower (XI52, XG45)**

**Nov’16 – Mar’17 ADESA, INDIANAPOLIS, IN**

ADESA is a leader in the vehicle remarketing industry and has been since 1989.

ADESA entered the wholesale auto auction business with two locations in 1989. In 1992, ADESA became a public company and operated as such until 1996 when the company was acquired by ALLETTE, Inc.

In April 2007, ADESA was acquired by a private equity group, KAR Holdings, Inc., later known as KAR Auction Services, Inc. Since then, ADESA has diversified and grown the business, organically and through acquisition, into a leading vehicle remarketing company in North America, operating throughout the United States, Canada and Mexico.

In an effort to improve service to their customers, PAR is adding an interface with iRepo, RDN,AutoIMS (third-party software applications) in order to allow recovery agents access to report recoveries, complete CRs, etc. on the iRepo Recovery Connect Mobile (RCM) handheld application, as required by certain customers. PAR will exchange data with the iRepo system using a suite of web services exposed by the iRepo system

**Key activities include:**

* Development of Service Interfaces using Web Service Proxy & Multi-Protocol Gateway.
* Create reusable Interfaces queue based and web services for increased interoperability.
* Develop security policies for Authentication, Authorization & Auditing.
* Configuring SSL, AAA, SFTP, FTP, MQ objects in Datapower.
* Coordinating Project activities and tasks, as well as dependent deliverables
* Develop Performance & Capacity Test Plans of migrating application
* Coding, stress testing and load testing of applications for migration.
* Provide documentation support and best practices.

**Environment:, IIB 9.0, MQ v7.5, AIX, ORACLE ,CONTROL-M, IBM Websphere DataPower (XI52, XG45)**

**Feb’16 – Aug’16 Sysco Corporation, Houston TX**

**Sysco** is the global leader in selling, marketing and distributing food products to restaurants, healthcare and educational facilities, lodging establishments and other customers who prepare meals away from home. Its family of products also includes equipment and supplies for the foodservice and hospitality industries. The company operates 196 distribution facilities (OpCo) serving approximately 425,000 customers. Out of 196, 20 Opco were implemented in SAP.

UOM is the Unified Order Management, which is considered as Omni channel for all Sysco Orders.

Where OrderManagementSystems (Order fulfillment systems) were implemented in SUS( AS400)

And Order fulfillment systems at 20 Opco(Operating companies) were SAP Processing Systems.

**Key activities include:**

* Lead integration effort with current Sysco employees, consulting/contract, and managed services resources to deliver requirements.
* Creating Adapters to integrate UOM with SAP systems.
* Order Submissions (from UOM to SUS (AS 400), SAP Systems).
* Order Confirmations (from SUS(AS 400 ),SAP Systems to UOM).
* Gather requirements, design, develop, unit test, support QA and performance testing, deploy, and provide post go-live stabilization support, transition to Sysco Managed Services for on-going support.
* Standard functionalities like message tracking, alerts, implementation of SSL.
* Configuring SSL setup, LDAP based authentication and SFTP in Message Broker.

**Environment:, IIB 9.0, MQ v7.5, AIX, DB2 , SAP Adapters, AS400**

**Apr’15 – Nov’15 Belk, Charlotte, NC**

**Belk, Inc.** (stylized as belk) is an American mid-range to upscale [department store](https://en.wikipedia.org/wiki/Department_store) chain founded in 1888 by William Henry Belk in [Monroe, North Carolina](https://en.wikipedia.org/wiki/Monroe,_North_Carolina). It is a large family owned and operated department store Company, with 299 locations in 16 states. Belk competes with department stores [JCPenney](https://en.wikipedia.org/wiki/JCPenney" \o "JCPenney), [Kohl's](https://en.wikipedia.org/wiki/Kohl%27s) and [Sears](https://en.wikipedia.org/wiki/Sears).

As a part of PIM (Product Information Manager) enhancements, Currently the PO information is being sent to CARS system for generation of a CAR i.e. a request for digital content if the items on PO are E-com items (allocated to Store 8888). This same functionality is needed in PIM as PIM will be the digital content system. Also replacing existing Product NBLE structure to ADSE

Structure.

**Key activities include:**

Design (MB,DP) and development of ESB based architecture to facilitate a common middleware platform readily usable for integrating applications within the system.

* Created impact analysis document for the replacement of existing PIM structure.
* Coordinated between business and the development team.
* Provide administration and support for various environments.
* Played lead role in installation of IIB 10.0 on AIX migration of few exiting MB 8.0 flows to IIB 10.0
* Configuring SSL, AAA, SFTP, FTP, MQ objects in Datapower

**Environment: MB 8.0,IIB 10.0, MQ v7.5, AIX, Oracle 10G,** **IBM Websphere DataPower (XI52, XG45)**

**Apr ‘14 – Apr ‘15 Cigna, Windsor, CT**

**Cigna** headquartered in [Bloomfield, Connecticut](http://en.wikipedia.org/wiki/Bloomfield,_Connecticut), US, is a global health services organization. Its insurance subsidiaries are major providers of medical, dental, disability, life and accident insurance and related products and services, the majority of which are offered through employers and other groups including Medicare and Medicaid members.

This Project is to enable flexible reimbursement capabilities includes both Fee for Service (FFS) and Fee for Value (FFV) initiatives. There are 4 specific reimbursement methods that are critical to Cigna’s success namely APC, AAC, SOS and DRG.

**Key activities include:**

* Design and development of ESB based architecture to facilitate a common middleware platform readily usable for integrating applications within the system.
* Provide technical support to team members on development projects with MQ/Message Broker
* Provide automation solution for routine tasks
* Provide administration and support for various environments.
* Creates functional, technical and solution architecture.
* Coordinates between business and the development team.

**Environment: IIB 9.0, MQ v7.5, AIX, Oracle 10G**

**Oct ‘13 – Apr’14 Integration Lead, Pfizer Inc., Groton, CT**

Pfizer Inc is the world's largest pharmaceutical company that develops and produces medicines and vaccines for a wide range of conditions including in the areas of immunology and inflammation, oncology, cardiovascular and metabolic diseases, neuroscience and pain. Pfizer's products include Lipitor, Lyrica, Diflucan, Zithromax, Viagra and Celebrex/Celebra.

This project involves development of workflows, providing an integration solution using Message Broker and Message Queue to integrating RTII, CAL, PODS with SiteHealth.

**Key activities include:**

* Responsible for collecting the requirements from business, providing integration solutions, developing interfaces using Message Broker.
* Design and development of ESB based architecture to facilitate a common middleware platform readily usable for integrating applications within the system.
* Provide technical support on development projects with MQ/Message Broker
* Provide automation solution for routine tasks
* Provide administration and support for various environments.
* Creates functional, technical and solution architecture.
* Coordinates between business and the development team.
* Provides existing integration techniques to generate value to projects with reusability

**Environment: IIB 9.0, MQ v7.0, UNIX, Oracle 10G**

**Mar ’13 – Oct ’13 Integration Solution Master, Target, Minneapolis, MN**

Target is the second-largest [discount retailer](http://en.wikipedia.org/wiki/Discount_retailer) in the United States. Internet sales orders from the Target direct division, which operates from the Target.com website, are processed by the facility in [Woodbury, Minnesota](http://en.wikipedia.org/wiki/Woodbury,_Minnesota), with some support from [Savannah, Georgia](http://en.wikipedia.org/wiki/Savannah,_Georgia), and other centers opened in [Ontario, California](http://en.wikipedia.org/wiki/Ontario,_California), and [Tucson, Arizona](http://en.wikipedia.org/wiki/Tucson,_Arizona).

This project is part of Merchandise and Planning Tools (MP Tools) initiative to create tools to optimize and tracking of merchandise planning for Target.com. This project involves integration of OMS (Order Management System) with WMS (Warehouse Management System). IBM Message Broker is used as an integration tool for integrating these systems and tracking the purchase order flow from both systems.

**Key activities include:**

* Provides different use cases in Message Broker that suits the requirement.
* Key role in designing and developing of middle ware interfaces that involves different protocols like MQ, JMS etc.
* Ramp up the team members on development skills in MQ/Message Broker
* Single POC for any environment or technical related issues in Middleware.
* Responsible in reviewing the code base for every release
* Plays a key role in doing business validations by providing multiple use cases for QA team.
* Leading the co-ordination between onsite and offshore teams.

**Environment:** WebSphere Message Broker v7.0, MQ V 7.0, Manhattan WMS (Warehouse Management System), Sterling OMS (Order Management System)

**May ’11 – Feb ’13 Technical Lead, Sam’s Club, Bentonville, AR**

Sam's Club is an American chain of membership-only retail warehouse clubs owned and operated by Wal-Mart Stores, Inc. The Project demanded best of breed ecommerce solution packages to increase the online sales and to automate the existing processes there by completely reducing the maintenance and operational issues. It involved integration of legacy systems and third party applications with the new E-commerce solution. This solution had complex Message Broker interfaces with different transport protocols like MQ, JMS, FTP, web services, DB interactions and integration with TIBCO.

**Key activities include:**

* Preparation of Interface Requirement Specification (IRS).
* Provide different design pattern based on Message Broker functionality.
* Preparing Detail Design (DLD).
* Setting up the Message Broker environment and configuration.
* Created and configured MQ Series Objects like Queue Managers, Queues, and Channels.
* Developing the interfaces using IBM Message Broker.
* Leading the co-ordination between onsite and offshore teams.
* Used Integration techniques to generate value to projects with reusability.
* Actively involved with client discussions of project enhancements and optimization.
* Coordinate with team members and responsible for deliverables on time.
* Worked with external applications that interact with Message broker like TIBCO and Acxiom.
* Extensively worked on developing web services using SOAP and HTTP protocols.\

**Environment:** WebSphere Message Broker v6.1, WebSphere MQ 7.0, Order Capture Tool – ATG , Order Management Tool- Sterling OMS, UNIX, Oracle 10G, Informix

**May ’10 – Apr ’11 Senior Developer, APL/NOL Logistics, Singapore**

Client is a global container shipping company which operates regular shipping services around the globe. Client serves a number of different regions including Asia, Europe, North America, South America, Australia and Middle East, and it has offices in a large number of ports in these regions. The Global Equipment Management (GEM) System is one of the key solutions being developed as part of client’s Replacing and Modernizing Legacy Systems (REMODEL) program. Message Broker, MQFTE and iLog will be used to integrate Client’s legacy system to REMODEL program of GEM

**Key activities include:**

* Key player in coordinating with onsite to gather the business needs and suggest the better and optimized solutions that make the middle ware a good and feasible solution for transforming and routing the data.
* Played a key role in entire environment set up for Message broker and MQ.
* Developed the very complex solutions using IBM Message Broker.
* Configuring the WSRR for SSL security with Message Broker.
* Proactively involved in various design discussion that helped the project to have very optimized solutions that increased the productivity.

**Environment:** WebSphere Message Broker v6.1, MQ 6.0, Info sphere Data stage, IBM ilog JRules

**Oct ’08 – May ’10 Integration Developer, American Auto Parts Roanoke, VA**

AAP pipeline project is a WMS implementation project for one of the leading US based Automotive After Market Retail Company. This project deals with revamping existing WMS system and integrating it with different applications of the organization.

**Key activities include:**

* Worked as a developer and module lead that motivates and mentors the team in improvising technical capabilities thereby ensuring best quality products is delivered.
* Requirement analysis and documentation.
* Deploying the application in IBM Web Sphere Message Broker.
* Independent Unit Testing the message flows in the Development Environment.
* Resolving technical issues during onsite deployment.
* Involved in the setup of the multiple development environments at onsite.
* Involved in performance tuning of the code.

**Environment:** WebSphere Message Broker v7.0, WebSphere MQ 7.0, Oracle 10G, UNIX

**Aug ’07 – Oct ’08 Integration Developer Hudson and Bay Company, Toronto, Canada**

Client is Canada's largest diversified general merchandise retailer, with over 699 retail locations and nearly 60,000 associates located in every province in Canada. Client’s four banners are: the Bay, Zellers, Home Outfitters and Fields. The chain offers customers value, stylish brands, service, price competitiveness and great value through Every Day Low Prices.

**Key activities include:**

* Design and development of ESB based architecture to facilitate a common middleware platform readily usable for integrating applications within the system.
* Design and development of various message flows that involved both routing and transformation of the messages. The transformation of messages was done as per the mapping documents provided.
* Design and development of message models using message sets. The Message modeled was mainly Mainframe COBOL data, XML and SOAP messages.
* Resolving Technical issues faced by the team during development and deployment.
* Responsible in maintaining the code base in SVN and coordinates with team members to update the project documents in time.
* Acted as CC controller for the project.

**Environment:** WebSphere Message Broker v6.1, WebSphere MQ 6.0, UNIX, Mainframes

**Sept ’04 – Jul ’07 PEGA Product Tester, PEGA Systems, Hyderabad, India**

Many of the world’s leading organizations use PEGA to drive revenue growth, improve customer experience, and enhance operational efficiency.

**Key activities include:**

* Preparation of test cases and test design document.
* Developing sample application to test the features of the product.
* Performing deployment in different environments.
* Worked on Integration Connectors , SOAP Connector, .Net Connector
* Executing the test cases on different Browsers.
* Doing the performance testing with variable loads.

**Environment:** Pega PRPC 5.x, Windows, AIX, WebSphere, WebLogic, Tomcat