

ARCHIT SREETEJA VAVILALA

Lead Developer

archit.vavilala@gmail.com | +1 682-252-3872

Summary:

- 15 Years of the Professional Experience in Enterprise Application Integration across various projects.
- Proven ability in design, development, deployment, testing and supporting applications at various capacities, while implementing potent business solutions using the Tibco product Suite of products, Java, Kafka, APIGEE, Oracle and Azure technologies.
- Effectively lead and managed diverse teams across locations in multiple projects across various business domains.
- As a Scrum Certified Product Owner, excelled in leading diverse teams and managing complex projects to drive technological advancements and business success.

Technical Skills:

Technologies/Platforms	TIBCO Business Works(On Prem and Container Edition) –Tibco Developer, Tibco Administrator Tibco Patterns; Tibco Business Connect; Tibco Business Events; Tibco WebFOCUS Mulesoft (4.3)
Languages	Java(Spring Boot), Python
Databases	Oracle, DB2, MS SQL Server, Mongo DB
Messaging Framework	Tibco EMS, Kafka
Logging Framework	Tibco BWPM, Splunk, Datadog
Monitoring/Alerting System	Tibco Hawk, Unity
CI-CD Tools	IBM Ubuild, Udeploy; Jenkins
API Gateways	APIGEE, Layer 7, F5
Documentation	Mule RAML, OpenAPI 3.0, Swagger
Version Control	VSS, Clear Case and SVN, Git

Certifications:

- Tibco Certified Associate - TIBCO Messaging
- Tibco Certified Associate – TIBCO Business Works
- Scrum Certified Product Owner
- Microsoft Certified: Azure Fundamentals
- Microsoft Certified: Azure Artificial Intelligence Fundamentals

Professional Experience:

- Infosys Ltd. since November 2009 to October 2019 as a Technology Lead.
- Atos Syntel Inc. since November 2019 as a Consultant.

Allstate Insurance(Atos Syntel)

Nov 2019– Current

TIBCO Developer Lead

The project is development and enhancements to the Digital Communication media of the organization which include Emails, SMS and Push Notifications.

Responsibilities:

- Lead the development effort for a major business area integrating with the enterprise level product.
- Acted as stand-in Product Owner for the team.
- Involved in focused requirement gathering, creating user stories and precise effort estimation.
- Effectively designed and developed integration applications with API documentation.
- Developed SOAP/REST Webservices using secured(SSL) HTTP connections and JMS interfaces using Tibco BW and SQL.
- Encrypted a few sections of the communications using Java.
- Instrumental in creating the architecture and design of a few key components of the application.
- Prepare API documentation for all the services in the application in OpenAPI 3.0 format.
- Performed Tibco code reviews of the team.
- Performed performance analysis with the tools available at disposal.
- Deployment activities in the test and Production environments.
- Supported system integration and performance testing.
- Post-deployment support of the application.
- Integrating with messaging framework through Kafka.
- Worked on a specific reporting POC using Tibco WebFOCUS .
- Managed project timelines effectively, reducing delivery times by 25%.

Environment: TIBCO Business Works, TIBCO EMS, TIBCO Business Events, TIBCO Administrator, Java, Oracle 12g, Jenkins, APIGEE, Kafka, WebFOCUS

CareFirst BCBS (Infosys)

Jul 2016 – Oct 2019

Lead TIBCO Developer

The project is developing the Provider facing portal and a flagship patient healthcare program of the client.

Responsibilities:

- Effectively planned and managed resources and quickly estimated the efforts accordingly at onsite and offshore.

- Involved in requirement gathering through brain storming sessions with business users and business analysts to develop system requirements.
- Involved in core design of the application to meet the business requirements.
- Development of SOAP/REST API's over secured HTTP and JMS interfaces using Tibco BW, File/ADB Adapters, Tibco Patterns and SQL.
- Performed code reviews and mentored team members.
- Deployment activities in the lower test environments and Production.
- Supported system integration and performance testing.
- Involved with architecture team to identify and implement performance improvement activities at every phase of the application development.
- Support the application after its production release.
- Changed the design of the existing processes thereby improved the overall performance of the application up to 20% while ensuring the individual effectiveness of the components.

Environment: TIBCO Business Works, TIBCO Designer 5.x/6.x, TIBCO EMS, TIBCO BW Administrator, TIBCO ADB Adapter, File Adapter, Tibco Business Connect, Tibco Patterns, Tibco BWPM

BNSF Railways (Infosys Ltd.)
Technology Lead

May 2015 – Feb 2016

The project was a Master Data Model implementation based on Informatica MDM. The role of TIBCO in the project is to Integrate the Customer Hub to various legacy systems with multiple inbound and outbound flows. Supported the Master Data Model implementation with Salesforce CRM was done using TIBCO.

Responsibilities:

- Analyze Business Requirements and design the application to meet the requirements.
- Involved in designing the high-level architecture of the solution implementation.
- Prepare the HLD and Sequence Diagrams.
- Break the business features into user stories.
- Plan the resources for the sprint in accordance with the committed stories and priorities.
- Peer review of the application code in Tibco BW, to ensure it is in accordance with the defined industry standards.
- Deployment of the application components to lower test environments using AppManage utility and perform unit level testing.
- Sprint Review presentation of the completed user stories to the business stakeholders.
- Extensively used SOAP Web services over secured (SSL) HTTP connection and JMS interfaces to communicate with partner components and applications.
- Mentor the newer team members and aid in their getting them up to speed.

Environment: TIBCO Business Works, TIBCO Designer 5.10, TIBCO BE, TIBCO EMS, TIBCO BW Administrator, TIBCO, XML, HTTP, SOAP, WSDL

Axis Capital
Senior Developer

Nov 2013 – Apr 2015

Development and support of a document management system of the enterprise. iDoc was used to interface with SharePoint server and store documents.

Responsibilities:

- Analyze the business requirements and chunk them into user stories.
- Designed and developed integration interfaces to integrate with peer applications using SOAP services.
- Deploy application in various environments by using TIBCO administration GUI and App Manage utility.
- Involved in creating Hawk Rule Bases to manage and monitor the deployed services.
- System integration validation using SOAPUI and triggering interfaces.
- Production Support of the deployed applications.
- Prepared the High Level and Detailed Level design documents for various integration services.

Environment: TIBCO- Business Works 5.x, TIBCO Designer 5.x, TIBCO EMS 5.x, TIBCO ADB Adapter 5.x, TIBCO-BW Administrator 5.x, TBCO Hawk 4.x, XML, XSD, SOAP and WSDL; SOAPUI; Oracle 10g

Deutsche Bank
Lead Designer

Mar 2013 – Oct 2013

The project was to model the end-to-end flows of the as-is processes of the bank using the standard BPMN 2.0 notations.

Responsibilities:

- Requirement gathering from SME's through discovery sessions.
- Design and Model the BPM flows of the client's operations.
- Lead a team of 27 members across locations in meeting tight timelines.
- Review and perform technical Quality Assurance for the models prepared by the team.
- Created High Level and Detail Design documents for the Sparx data feed.
- Complex transformation logics had been implemented using Sparx BPM.

NCB Capital
Senior Developer

Jan 2012 – Feb 2013

The project was to have middleware layer built for a capital markets wing of a major bank.

Responsibilities:

- Analysis of requirements of application interfaces between individual systems.
- Development of Message oriented interfaces to exchange messages in real and near-real time.
- Deployment and Unit testing.

- Technical issue resolution.
- Mentoring the peers in newer integration patterns.

Environment: TIBCO Business works 5.4, TIBCO Administrator 5.4, TIBCO Designer 5.5, and TIBCO EMS 4.3, J2EE, Oracle 10i.

Bank of America
TIBCO Developer

Mar 2011– Jan 2012

Focus of the project was integration of banking accounts with the brokerage accounts of the Account holders. The project included the maintenance and enhancement of a TIBCO code mainly involving the back end interactions with the database.

Responsibilities:

- Involved in TIBCO BW coding which contains invoking protected Services using SOAP.
- Involved in Deployment and Unit testing;
- Created enhancements reduced the maintenance and support activities by 60% within a short duration of two months.
- Project Management activities including resource level tracking and reporting.

Environment: TIBCO BW, TIB/EMS, Oracle 11i

British Petroleum
Developer

May 2010 – Mar 2011

The project was a migration of the existing Integration Layer based on TIBCO to a Java SDK, which involved migration of various interactions between different applications involved. Components called VESTs (Validation, Enrichment, Standardization and Transformation) were created. The project scope is to migrate IL2.0 from TIBCO to an Open source (Java) based architecture-IL3.1.

Responsibilities:

- Analysis of the design documents.
- Development.
- Unit test and Functional test the code.
- Research new integration patterns.

Environment: TIBCO Business works 5.x, TIBCO Designer 5.x and TIBCO EMS 4.x, J2EE

Education:

B.Tech (2005 – 2009) from JNTU, Hyderabad
XII from Board of Intermediate Education (A.P), in 2005.