

MITA ACHARYA

Technical Architect

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Address : Bangalore, India

PROFESSIONAL SUMMARY

- **Team Lead with over 15+ years of experience in all phases of SDLC.**
- Adept at Software development with Integration products (**TIBCO BW 6.x, BWCE, SnapLogic, EMS, Admin, Springboot, Kafka, Mulesoft API Manager and GraphQL**), **DevOps (Ansible, Jenkins)** Testing, SIT and UAT activities, Team Management, Quality and Audit control activities.
- **Experience in as-is Tibco Stack migration server cloning and Devops automation.**
- **Experience in migrate Tibco Stack (BW, EMS) to Cloud Platform.**
- Lead BW 6.x to BWCE migration.
- Good Knowledge of Container & Cloud Platform.
- Conversant with Rest, Json, XML, XSD, XPATHs, SQL, PL/SQL, HP QC, SOAP-UI, VCS (GIT, Azure repo, SVN), and Project management methodologies (Scram and Agile).
- Deployment to Docker for Sandbox environment and automated deployment setup using Jenkins on GCP Kubernetes environment
- **Implemented** EAI, BW, BWCE and BPM projects with best practices and SOA Governance.
- Experience in Developing Various Business Processes, Business Rule and real time event based on Requirements using TIBCO suite of products.
- Strong knowledge in TIBCO Design, Development, Installation and administration.
- Experience in EMS Applications Development
- Well-developed interpersonal and communication skills, having dealt with a diversity of clients.

Achievements & Certifications

- **TCP- TIBCO BusinessWorks Container Edition** Certification Exam
- **TCP- TIBCO BusinessWorks™ 6** Certification Exam
- **TCP-BW5: TIBCO BusinessWorks™ 5** Certification Exam
- **Kubernetes CKA & CKAD** certified
- **SnapLogic Certified Enterprise Automation Professional.**
- Oracle Certified Professional, Java SE 6 Programmer
- Professional Data Engineer in Google Cloud Certified.
- Received Private cloud migration award on Dec 2022 from HPE.
- Received the star performer award from the Enterprise Integration BU on Jun 2012 from L & T Infotech.
- Received the October BU performer award from ASP BPI BU from Cognizant.
- Completed Kubernetes and Docker Udemey courses.

GLOBAL EXPOSURE

- Working as **Emerging technology specialist (EAI Architect)** for Hewlett Packard Enterprise, Since Sept 2022 till date.
- Worked as **Team Lead** for Cognizant Technology Solution, India, Since April 2013 to Sept 2021.
- Worked as **TIBCO Principal Consultant** for L & T Infotech, India, From March 2010 to March 2013.
- Worked as **Consultant** for Agni Software Pvt Ltd, India, From June,2009 to Feb 2010

TECHNICAL SKILLS

EAI Technologies:	TIBCO Active Enterprise Suite (BW, BWCE, EMS, Admin, Web Services, Various Adapters like File, ADB), SnapLogic, Entmon (nodejs) & ServiceProxy (based on nginx), Kafka, Mulesoft API Manager, GraphQL, SOAP/HTTP Protocol, Basic HTTP Binding, JMS Transport, Rest, SOAP/JMS, WSDL.
Container & Cloud Platform	<ul style="list-style-type: none">• Docker• Kubernetes• AWS• GCP
DevOps Tools	Ansible
Integration Suits	<ul style="list-style-type: none">• SnapLogic• TIBCO BW 6.x and BWCE• TIBCO BW 5.7, 5.9, 5.11 & 5.13• TIBCO EMS 8.0 & 8.2• TIBCO AMX BW Administrator (TEA) 2.3• TIBCO BW Administrator 5.6, 5.10• TIBCO Mashery• Springboot• Spring/ Spring MVC• GraphQL• Apache Kafka• Mulesoft API Manager
CI-CD	Jenkins, Maven Plugin, ANT Scripts
Version Control Tools:	GitHub, GitHub Enterprise, Bitbucket and Tortoise SVN
Data formats	YAML, JSON, XML
Languages:	Core Java, ReactJS, Javascript, Python, HTML, CSS
Other tools:	HP QC, ALM, SOAP UI, TOAD 8.2, Eclipse, SQL developer
OS/Environment:	Linux, UNIX, Windows Server2012R, Windows10, Windows Subsystem for Linux (WSL)
Terminal Emulators:	Putty, SSH client, WinSCP
DBMS:	MsSQL, Oracle, Mongo DB
Web technologies:	HTML, XML
Domain Experience:	Banking, Retail, Utility, Transport

CAREER SUMMARY

Hewlett Packard Enterprise, India
Emerging Technology Specialist

Sept 2021- Till Date

Project 1: Integration Domain

- The team provides integration between sub business domain's to allow newer functionalities to be available to given businesses. Also provide any in house tools/support or enhancements to allow faster time to delivery.

Tools & Technologies: *Snaplogic, Mulesoft API Manager, Ansible, Jenkins, GitHub/GitHub Api, TIBCO Migration, In house tools like Security Proxy, Entmon, Agile*

Key Accountabilities

Role : Architect

Design –

- Designing and providing integration solutions in various technologies (SnapLogic, TIBCO, Mulesoft API manager) according to Microservices architecture.
- Defining standards and guidelines surrounding Scalability, Security, Logging, Auditing, Policy Management and Performance monitoring and KPI for end-to-end process execution.
- Synchronous/ Asynchronous communication patterns and Problem-solving abilities with respect to Message sequencing, Large Payload Management, Correlation and Queueing.
- Greenfield setup of Mulesoft API Manager for HPE. Custom policy build and monitoring framework build. Automation solutioning surrounding CI/CD framework for API management and onboarding.
- Devops Automation task using Ansible, Jenkins for Application Server related automation.
- Created Automation tools for helping migrating data between older datacenter and newer datacenter (Server count 200) for TIBCO BW 5.x server management.
- Lead the Automation development team to create migration task specific automations.
- Developing interfaces for integration between Salesforce//SFTP/Anaplan/GitHub API/REST to other similar end systems using SnapLogic.
- Providing design solutions to create in house solution for CI/CD for SnapLogic, for certificate management for servers, for automated installations of SnapLogic on newer data center's, creating POC solutions for providing sharepoint form's to help with easier form entry and business requirement management.
- Expertise in analyzing performance results and diagnose performance problems.
- Building sh script's for migration support of older TIBCO server's to new data center.
- Documentation of the high level design and low level design process, unit test cases.
- Coordinating with all the teams involved in the integration process.

Deployment –

- Plan the deployments for DEV, TST and ACC and ultimately for production.
- SIT and UAT testing support

Packaging and Delivery –

- Code Promotion to Production environment
- Post implementation support
- Analyzing performance issues over the Production environments and providing solutions.

Project 1: Wealth Management

[Jan, 2018 – Sept 2021]

- US Based Banking project for Wealth Management. The investment and wealth management division was supported by our team. The business unit had various interactions with existing external and internal systems. The business unit wanted support in quick integration with the systems and provide additional support for newer requirements.

Tools & Technologies: *SpringBoot, GraphQL, Kafka, GCP, TIBCO ActiveMatrix BW 5.13, TIBCO BWCE 2.5, TIBCO Administrator 5.10, TIBCO EMS 8.2.2, TIBCO TRA 5.10, Jenkins, JFrog*

Key Accountabilities

Role : Tech Lead

Design –

- Designing and providing integration solutions according to Microservices architecture.
- Setting up TLS/SSL security for web services in Rancher.
- Consuming REST services using various security mechanism's (Basic, SSL, JWT, OAuth) in both TIBCO and Springboot.
- Consuming SOAP web services using Basic, SSL, WS2 security methods in both TIBCO and Springboot.
- Deployment to Docker for Sandbox environment and automated deployment setup using Jenkins on GCP Kubernetes environment.
- Developing and testing TIBCO interfaces with integrations to web services (SOAP/REST), Databases, Files, EMS.
- Developed complicated workflow while ensuring SLA for request/response are met.
- Applying newer technologies to solve issues and create, analyze new tools for the customer.
- Developing Store procedures to read and process data in the Database.
- Documentation of the high level design and low level design process, unit test cases
- Coordinating with all the teams involved in the integration process.

Deployment –

- Plan the deployments for DEV, TST and ACC and ultimately for production.
- Deployment in using GCP DevOps CI-CD.
- Code promotion to UAT by using CI-CD Jobs
- SIT and UAT testing support

Packaging and Delivery –

- Code Promotion to Production environment
- Post implementation support
- Analyzing performance issues over the Production environments and providing solutions.

Project 2: Service Catalog

[Jan, 2021- Till Date]

About Project : Tool was to gather existing and new Micro services developed for Client. All of the updated metrics and Micro service information would be visible in UI. The UI would allow manual updates to the UI.

Tools & Technologies: TIBCO ActiveMatrix BW 5.11, TIBCO Administrator 5.6, TIBCO EMS 5.1, TIBCO TRA 5.8

Role : Integration Consultant

Responsibilities –

- Lead the team to showcase POC and turned into a new project.
 - Design and integration along with various Backend services and analysis on how to consume information from various backend services.
 - Create the initial Service Catalog UI using ReactJS for helping consume the micro services exposed
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Project 3: US Based- Equities Team (Belfast)

[Sept 2016– Dec 2017]

About Client : US Based Retail Brand has connect along with various businesses and wanted trading partner integration along with the backend systems.

Texas based electricity company had an older User Interface and wanted to provide a better faster and more interactive interface for customers

Tools & Technologies: TIBCO ActiveMatrix BW 5.13, TIBCO Administrator 5.10, TIBCO EMS 8.2.2, TIBCO TRA 5.10, Core Java, Spring framework, JRules

Role : Integration Consultant

Responsibilities –

- Worked as an individual contributor for TIBCO BW 5.x and Spring developer at the client location.
 - Migrating the BW processes from BW 5.10 to BW 5.13, to help support Java 8.
 - Analyzing Jira's and finding the root cause for Prod issues over BW.
 - Supporting and Enhancing existing Java code(Spring framework) and JRules to solves production issues.
 - Providing build and RPM packages for both BW code and Java Jars.
 - Analyzing performance issues over the Production environments and providing solutions.
 - Unit testing and supporting regression testing across INTG and UAT environments.
 - Maintaining correct supporting Jar versions across environments.
 - Maintaining BW processes, this includes activities like migrating the JMS connections for higher versions.
 - Used Hermes, Jenkins and uDeploy for deploying on the environments.
 - Supporting regression testing by pulling a day's production data and replaying across the UAT environment.
 - Coordinating with all the teams involved in the integration process.
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Project 4: US Based Retail Brand

[March 2013– Sept 2016]

About Client : US Based Retail Brand has connect along with various businesses and wanted trading partner integration along with the backend systems.

Texas based electricity company had an older User Interface and wanted to provide a better faster and more interactive interface for customers

Tools & Technologies: TIBCO Activematrix BW 5.11, TIBCO Administrator 5.6, TIBCO EMS 5.1, TIBCO TRA 5.8

Role : Integration Consultant

Responsibilities –

- Working as individual contributor for both the projects.
- Developing and testing TIBCO web services. Working with EMS, Web services, JDBC & BusinessConnect.
- Documentation of the high level design and low level design process, unit test cases.
- Deployment to lower environments and providing scripts for higher environment deployments.
- Provisioning tools for batch deployment and other requirements.
- Set up services in load balanced and fail over configurations in TIBCO Administrator.
- Deploying the EAR file on the Environments using TIBCO Administrator and appmanage scripts.
- Managing the Error generation and Error handling process for the interface.
- Creating Request and Response schemas, WSDL and Web services for integrating with the web clients.

PRIOR EXPERIENCE

L&T InfoTech, India
Software Engineer – TIBCO

March,2010 - March, 2013

❖ **Project – Smart Retail**
Client: Electronic and Retail based Company
Role: Tibco Developer

[Mar 2010 – March 2013]

- Electronic and retail based company with major backend systems based out of SAP. Full SCM based automation and integration with SAP was the requirement.

Key Accountabilities –

- Developing and testing TIBCO interfaces automating the SCM (Supply Chain Management) Process.
- Used SAP Adapter, JMS adapters for integrating interfaces.
- Creating Request and Response schemas, WSDL and Web services for integrating with the web clients.
- Grabbing data generated on the Microsoft excel using visual basic and creating a SOAP request and capturing the SOAP request on TIBCO.
- Deploying the EAR file on the Environments using TIBCO Administrator.
- Managing the Error generation and Error handling process for the interface.
- Coordinating all the teams involved in the integration process.
- Responsible for writing Test cases, performing Unit testing, Integration testing and other related documentations.

EDUCATION

- **Bachelor of Engineering** (Information Science and studied) - Sapthagiri College of Engineering (VTU), India (73 %, 2008)
- Post Graduate Diploma in Machine Learning and Artificial Intelligence from IIIT-B