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| **Name: Sayon Adhikary** [**Sayon.Adhikary@cognizant.com**](mailto:Sayon.Adhikary@cognizant.com)  **ID:485867 Mobile: +91 9883921994**  **Associate** | |
| **A TIBCO professional with around 3 years of experience in the field of Enterprise Application Integration using TIBCO stack of Products.**  **Expertise in delivering large, complex, high volume, & scalable applications in retail and telecommunications domain using Tibco Suite of Products including TIBCO Business Works (BW), TIBCO EMS & TIBCO Adapters.**  **Skilled in installation, configuration, and maintenance of TIBCO Business Works environments including troubleshooting, deploying application and configuration components, automation and upgrade.**  **Java Restful Service development using Spring Boot.**  **Web Application developer using the latest web technologies like AngularJs, TypeScript.**  **Hybrid mobile application developer using Sencha, Ionic framework.**  **Front-end developer using native JavaScript, HTML and CSS.**  **An articulate communicator with proven interpersonal and negotiation skills and ability to work under pressure in a fast-paced and sensitive environment.**  **Creating innovative solutions and presenting them to clients.**  **COE Activities: Development of CI/CD, Common Logging and Error Handling Framework.** | **Core Strengths:**   * **TIBCO Business Works 6.X** * **Java Restful Services** * **Web Applications / J2EE** * **Hybrid Mobile Applications** * **Integration** * **TIBCO Business Events 5.X** * **Design Patterns** * **DevOps** * **Communication Skills** * **Plugin Development TIBCO** * **COE Activities** * **Shell Scripts** |

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| **Technical skills** | |
| Skills | Core Java, JavaScript, AngularJs, Ionic, J2EE, Sencha, ExtJs, TIBCO BW 6, TIBCO EMS, TIBCO Business Events, TIBCO Enterprise Administrator, TIBCO WEB MESSAGING, PL/SQL, XML, HTML, CSS |
| Tools used | TIBCO BW 6, TIBCO EMS 8.3, TIBCO BE 5.3, TIBCO Enterprise Administrator 2.2, TIBCO WEB MESSAGING 4.0 |
| Operating system | Windows 7, Linux |
| Databases | Oracle, DB2, Microsoft SQL Server |

**Client Project Details–**

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| **Project** | **Ooredoo Oman** |
| **Duration** | 1 year 5 months (Oct 2016 – ongoing) |
| **Description** | Ooredoo is empowering their customers for Digital experience at every stage of the lifecycle from customer on boarding, purchasing, sharing, loyalty and rewards. Ooredoo has initiated this project to enable new digital-grade technology to transform all customer touch points throughout the customer life cycle journey to provide the functional requirements, high-level solution design approach for Matrixx project and how the solution would be designed considering the existing IT platforms and new platforms such as Matrix, ESB and OM. The objective is to transform the existing business applications using TIBCO ActiveMatrix BussinessWorks 6.3 products to build a more robust, efficient, decoupled and scalable system that can meet the future challenges. Different services have been created in TIBCO ActiveMatrix BussinessWorks 6.3 using common data model to achieve the objectivity. |
| **Role** | **TIBCO DEVELOPER**   * Designing, developing and maintaining enterprise shared services for legacy systems using TIBCO Suite of Products - TIBCO Designer, TIBCO Business Works (BW), TIBCO Enterprise Administrator and TIBCO EMS. * Design, development and delivery of notable plugins and innovative utilities to work with ESB applications. * Implementing CI/CD and cache framework using Ant, Jenkins, Java Xpath functions for TIBCO ActiveMatrix Business works 6.x. * Unit and Sanity Testing   **WEB DEVELOPER**   * Front-End Web UI application development for Common Logging and Error framework. |
| **Technology** | TIBCO Business Works 6.3.x, EMS 8.x, TIBCO Enterprise Administrator 2.2.x, GitHub, AngularJS, HTML, CSS, ANT, Jenkins, Shell scripts |
| **Team Size** | 12 |

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| **Project** | **QVC – Ontario DC** |
| **Duration** | 8 months (Feb 2016 – Oct 2016) |
| **Description** | QVC, an American cable, satellite and broadcast television network, and multinational corporation specializing in televised home shopping. Broadcasts to households in USA, Germany, France, UK, Italy, China and Japan. Exiting and aging WBI point-point interfaces built a decade back have been replaced with TIBCO interfaces built on a Pub-Sub architecture. Pub-Sub architecture provides the flexibility and scalability to support new Distribution Centre (DC) with limited effort. TIBCO interfaces were easily instantiated/ re-engineered to cater to a new Distribution Centre that uses new systems like Manhattan-2015, Inavata FastTrack and i2 (TMS).Transaction data is broadcasted in a Canonical data Model. This makes it very convenient to easily plug-in new subscribers. |
| **Role** | **TIBCO DEVELOPER**   * Participated in full life-cycle development process - from analysis, design, development, implementation, modification, documentation and release. * Design and development of Low Level Design documents, interfaces/scenarios and business logic as per requirements on TIBCO products. * Deployment and configuration of BW project in TIBCO Administrator. * Preparation and execution of unit test-cases * Coordinating with testing team for defect analysis and fix issues * Helped in designing the data model to be exchanged between Restful Web Services and Java as in the input and output data modelling.   **JAVA DEVELOPER**   * Created a maven module based spring boot Java Web Services. * Development of model layer as in POJO classes and DTOs. * Development of persistence layer for database interaction using iBatis framework. * Development of entire web service controller and manager and exception handlers * Code review of other team-mates and suggesting code fixes. * Code testing using Mockito and Junit libraries. * Cobertura Report generation (Code coverage report). * Creation of test cases (functional and validation). * Creation of Debug, LLD and other design documents. * Jenkins deployment of the services. |
| **Technology** | TIBCO BW 5.6, TIBCO EMS 7.0, MQ Adapter, TIBCO Admin 5.6, Maven Modules,  Core Java, Spring Boot, iBatis, DB2, Microsoft SQL Server |
| **Team Size** | 12 |

**Innovation Projects (POCs):**

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| **Project** | **ESB Monitoring** |
| **Duration** | Ongoing (JAN 2017 – Ongoing) |
| **Description** | Generic ESB Monitoring for TIBCO BW 6 with User Interface and Remote Deployment |
| **Role** | * DevOps Engineer * WEB DEVELOPER |
| **Technology** | Middleware: TIBCO BW 6 Utilities  Front-End: AngularJs, Ionic (Mobile), JavaScript, HTML5, CSS3 |
| **Team Size** | 3 |

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| **Project** | **Continuous Integration and Continuous Deployment** |
| **Duration** | Ongoing (DEC 2017 – Ongoing) |
| **Description** | Generic CI\CD Framework for TIBCO BW 6 with User Interface and Remote Deployment |
| **Role** | * DevOps Engineer |
| **Technology** | Middleware: TIBCO BW 6 Utilities  Front-End: Jenkins  DevOps: ANT, SHELL |
| **Team Size** | 3 |

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| **Project** | **CLE Framework** |
| **Duration** | Ongoing (DEC 2017 – Ongoing) |
| **Description** | Generic Error Handling and Logging Framework for TIBCO BW 6 with User Interface and Replay |
| **Role** | * TIBCO DEVELOPER * WEB DEVELOPER |
| **Technology** | Middleware: TIBCO BW 6  Front-End: AngularJs, Ionic (Mobile), JavaScript, HTML5, CSS3  Transport/Channel: TIBCO EMS 8.3  Administration: TIBCO ENTERPRISE ADMIN 2.2  Database: Oracle |
| **Team Size** | 3 |

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| **Project** | **DigiDrive** |
| **Duration** | Ongoing (DEC 2015 – FEB 2016) |
| **Description** | Controlled Vehicular Accelerator – Mobile App (Usage Based Insurance) |
| **Role** | * UI/UX Design in HTML and CSS. Using enriched libraries of bootstrap, font-awesome, ion-icons. * Front-End Development: Using AngularJs, JavaScript and Ionic (Mobile). * Middleware: Development of TIBCO BW Restful services for the mobile application. |
| **Technology** | Middleware: TIBCO BW 5.13  Front-End: AngularJs, Ionic (Mobile), JavaScript, HTML5, CSS3  Cloud-Service-Provider: Amazon Web Services  Transport/Channel: HTTP  Administration: TIBCO ADMIN 5.10  Database: Oracle  Analytics: TIBCO Spotfire |
| **Team Size** | 3 |

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| **Project** | **Smart Engine** |
| **Duration** | Ongoing (MAY 2015 – DEC 2015) |
| **Description** | Smart Engine is a Cognizant’s Internal Initiative as POCs to demonstrate integration of IoT with our commercial application. It mainly concentrates on use of iBeacon as proximity or location device. Smart Engine is a retail mobile/web application which will process various offers based on your location. It checks for iBeacon placed in your proximity. The powerful TIBCO Business Events generates offers for you based on the type of preferences you have given and the detected iBeacon. Its works to achieve higher user interaction for better efficiency. |
| **Role** | * UI/UX Design in HTML and CSS. Using enriched libraries of bootstrap, font-awesome, ion-icons. * Front-End Development: Using AngularJs, JavaScript and Ionic (Mobile). Fully responsive UI. * Middleware: Development of TIBCO BW Process serving as a middleware for the UI and TIBCO BE/Database. Development of TIBCO BE rules, events and rule functions for dynamic offer generation. * Database: Creation and Design of required Database Tables. Model Structuring and Writing SQL Scripts. |
| **Technology** | Middleware: TIBCO BW 5.13, BE 5.3  Front-End: AngularJs, Ionic (Mobile), JavaScript, HTML5, CSS3  Web-Tier: Amazon SQS, TIBCO WEB MESSAGING 4.0  Transport/Channel: TIBCO EMS 8.3  Administration: TIBCO ADMIN 5.10  Database: Oracle |
| **Team Size** | 3 |

**Other notable POCs:**

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| **Technology** | **POCs** |
| **TIBCO BW** | Example project for all the palates. Created a tutorial for the same. [Documented] |
| **CORE JAVA, XPATH, XML, TIBCO BW** | Automated generation of specific activity replacement in a TIBCO BW process file. Code developed in Core Java. [ConvertProcess] |
| **Amazon SQS, Core Java** | Developed a utility listener to listen on the Amazon SQS queue in core java and then handover the message to TIBCO EMS. [SQSTIBCOConnect] |
| **iBeacon, JavaScript** | Created a helper API in JavaScript for Estimote iBeacon integration to a Cordova/Ionic/JavaScript Mobile Application. [iBeaconConnect] |
| **Amazon SQS,**  **JavaScript** | Created a helper API in JavaScript for Amazon SQS integration to a Cordova/Ionic/JavaScript Mobile/Web Application. |
| **Ionic, iBeacon, AngularJs, JavaScript** | iBeacon Mobile Application for monitoring and ranging Estimote iBeacon and check the status of the beacons. Android build Cordova project. Requires mobile Bluetooth access. [iBeacon] |