**Deep**  

**INTEGRATION ARCHITECT**

**ADDRESS:** 118 North Howard Street, Apartment – 709, Baltimore MD 21201

**SYNOPSIS**

About Nineteen years of overall expertise in Architecture, Analysis, Design, Build, Configuration, Support and overall Delivery of Middleware solutions with diverse vertical clients; in compliance of globally accredited integration standards, best practices, data models, messaging patterns being leveraged through Waterfall and Agile project governance cycle. Profound exposure to Pre-Sales activities of Middleware Solutioning, Commercials, Bids, Technical Management, Quality Assurance.

**SUMMARY**

* Around 12 years of experience in all stages of software development lifecycle, process improvement and project management.
* Ten years of experience in Architecture, Design, Development, Testing and Administration of integration projects with TIBCO products visibly in Web based and client-server environments including TIBCO ActiveMatrix Businessworks, TIBCO EMS, TIBCO Administrator, TIBCO ADB Adapter, TIBCO FileAdapter, TIBCO MQ Adapter, TIBCO BusinessEvents, TIBCO Hawk, TIBCO BusinessEvents, TIBCO ActiveSpaces, Java Platform and Java database Connectivity (JDBC) technologies.
* Six years of experience in Pre-Sales activities on creation of Middleware Solution Architecture, Compliance Matrix, Commercials, Pricing, Effort Estimation, Resource Loading and Distribution, Volumetric Analysis, Capacity Utilization, Software and Hardware Sizing, Managed Services clauses in preparation of Middleware commercial proposals as response to Request-For-Proposals(RFPs) for Telecommunication, Banking, Airlines clients.
* Five years of expertise in technical management of Middleware projects with hands on engagement in project management and quality assurance artefact creation focusing on Integration modular projects like Project Plan, Project Kick-Off Document, Scope of Work Document, effort Estimation, Periodic Status Review Document, Metric Baseline Report, Resource Distribution and Loading, Build plan, release Document, Incident Reporting, Risk Management Register, Defect Resolution and Analysis, Root Cause Analysis, Stakeholder Training Plan, Traceability Matrix, Project Schedule and other associative Quality Assurance manuals, artefacts etc.
* Experience in modeling, development of business logic and automated business processes using TIBCO BusinessWorks.
* Experience in implementing SOA concepts by designing and developing Web Services, WSDL, and SOAP using TIBCO ActiveMatrix BusinessWorks.
* Experience in using messaging standards such as JMS, MQ Series, and TIBCO for developing distributed applications.
* Excellent hands on experience in XML related technologies that include XML, XSD, XSLT and XPATH.
* Expertise in using messaging standards such as JMS and TIBCO EMS for developing distributed applications
* Experience in implementing Business Rules using TIBCO Business Events.
* Architecting and implementing integration solutions based on SOAP/JMS and Web Services technologies.
* Experience in Performance tuning for TIBCO production environments by testing optimal value in load environments.
* Proficiency in implementing SOAP / HTTP, REST / JSON based Web-Services; implementation of SOA centric integration services; SAP, file, Database Adapter configuration; XSD, XML, WSDL, WADL, XPATH; strong experience in EMS, BusinessWorks Administration including User, Resource, Machine management, Fault tolerance, Load Balancing.
* Experience in process modeling, event driven rule based programming using TIBCO BusinessEvents.
* Two years of experience in implementing integration projects using webMethods product suite namely webMethods Developer, webMethods Integration Server, webMethods Broker, MyWebMethods Server.
* Proficiency in implementing source-target data mapping, messaging volumetric analysis through study, analysis of broader level business processes from client operational business users.
* Proficiency Experience in applying SOA principles in integration projects categorizing Business, Information, Service, Use-Case, and Interface Architecture.
* Excellent communications skills. Adept at building strong working relationships with coworkers and management.
* Highly organized, dedicated and self-motivated IT professional with a very successful track record.

**EDUCATION**

* MBA from ICFAI Business School, India with specialization in Information Technology – Year 2006 – 68%
* MSC in Computing from Cardiff university, Wales, United Kingdom – Year 2000 – 62%
* Higher Diploma in Computer Science from Aptech Computer Education, India – Year 1999-68%
* Bachelor of Commerce(B.COM) from University of Calcutta, India - Year 1997-55%
* Higher Secondary from West Bengal Council of Higher Secondary Education, India – Year 1995 – 44%
* Secondary from West Bengal Board of Secondary Education – Year 1992 – 64%

**TRAINING**

* TIBCO BusinessEvents(CEP) training conducted by TIBCO, India.
* webMethods Integration Workshop Training program by Software AG, India.
* IBM Business Process Manager 8.0 Training by IBM, India.
* Advanced Java Training from Globsyn Technologies, Calcutta, India
* Oracle Application Integration Architecture (AIA) Training by Oracle India.

**CERTIFICATION**

TIBCO BusinessWorks 5.2 from TIBCO Inc.

**SKILLS**

**Middleware –** TIBCO ActiveMatrix BW 5.2/5.9/5.X/6.1, EMS 5.4/5.7/6.1/6.X, Administrator5.7/5.X, HAWK 4.9/4.X, TIBCO Adapter (ADB 6.2/6.X, File 6.1/6.X, SAP 6.2/6.X), TIBCO BusinessEvents 5.0, TIBCO ActiveSpaces 1.0.1, TIBCO SpotFire 5.X, Container Edition 1.0, TIBCO ActiveMatrix Adapter Plug-In for PeopleSoft 6.1.0, TIBCO Mashery API 4.1

**Database –** Oracle 9i/10G/11G, DB2 10.5, Microsoft Access 7.0/97/2000, SQL Server 8.0,12.0, 14.0, TOAD 10.X/11.X/12.X, SQL Developer 4.X, PL/SQL Developer 9.X

**Operating System –** Microsoft Windows 10/XP/7/10, SUN Solaris (UNIX) 10.X/11.XIDE - Eclipse 4.3/4.4/4.5/4.6, Netbeans 7.X/8.X, JDeveloper 11.X/11G

**Languages -** Java (JDK 2.0/1.4.2/6.X/7.X), J2EE 1.X, HTML, JavaScript, XML, WSDL, WADL

**Data Modelers –** IBM Rational 2000, MS Visio 14.X/15.X/2010/2013/2016/2017, ErWin **Versioning -** PVCS, ClearCase, Subversion 1.8/1.9, CVS 1.12/1.11

**Testers –** TIBTester, SOAP UI 4.5/5.3

**Project Management –** Microsoft Project 2010/2013

**PROJECTS**

**Indotronics International Corporation July 2018 - Present**

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| Project | - | Enterprise E-Payments Integration |
| Client | - | **Deloitte, U.S.A.** |
| End Client |  | **Exelon, Baltimore, U.S.A** |
| Domain | - | Utilities-Electricity |
| Role | - | TIBCO Lead |
| Duration |  | July 2018– September 2018 |
| Description | - | Exelon Electric company is in process of converging their application newly through introduction of a new payment gateway system called Paymentus which would be the payment portal for Exelon’s operating companies(OPCOs) such as BGE, COMED/PECO, PHI and further it would be invoked directly from Exelon’s own web-portal applications through varied layers. TIBCO is the middleware product used to create all payment related web-services built through SOAP/HTTP. |
| Responsibilities | - | * Engaged in Design and Development of TIBCO Payment Web-Services for BGE, COMED/PECO, PHI applications. * Involved in Development and Unit Testing of TIBCO services like customer Bill payment Information, Posting of customer Payment Memo, batch processing of customer payment processing information, Return of payment files etc. |
| Software | - | TIBCO BusinessWorks 5.13, TIBCO EMS 8.1, TIBCO Administrator 5.7, SOAP UI |

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| Project | - | Enterprise Services – Product Management |
| Client | - | **Republic Services, Phoenix, Arizona U.S.A** |
| Domain | - | Utilities-Waste Disposal Management |
| Role | - | TIBCO Architect |
| Duration |  | August 2017– April 2018 |
| Description | - | Republic Services, a major waste disposal management company pan U.S. is in process of planning the waste disposal sites for their vendors. Disposal Sites are managed by a number of disparate sources by Republic Services intermediary third party agents which constitute a part for fulfillment of an entire waste management contract. This current project focusses on implementation of a library of reusable TIBCO services which would cater to Product Management of Republic Services. |
| Responsibilities | - | * Engaged in Analysis, Architecture, Design, Development of TIBCO based ESB services for OrderShipment, DisposalSiteAPI for pricing component and other functions. * Performed Fault-Tolerance and load balanced scaling of EMS servers in TIBCO Administrator. * Performed deployment, administration of TIBCO service instances in TIBCO Administrator. * Provided hands-on TIBCO solution inputs to development team. * Worked with TIBCO Professional Services Group in laying down the deployment architecture of Product Catalog module. Performed scaling, FT, Load Balancing of EMS server. * Created the TIBCO services using TIBCO REST plug-in and exposed the services as REST API with request-response exchange of data between the source and target applications in JSON data format. * Configured the TIBCO services in TIBCO Mashery. Created the TIBCO APIs in Admin portal. Created the API packages and plans in Admin portal. Created IODocs in admin portal for the TIBCO APIs. Managed Users, Portal, domains, Package keys in TIBCO Admin portal. Created API Keys for Applications from Developer portal, tested the APIs through Developer portal using the API Key. Created Swagger (JSON) Documents using RESTLET client application and validated the JSON data in JSON Lint application. |
| Software | - | TIBCO BusinessWorks 5.13 / 6.4, TIBCO EMS 8.1, TIBCO Administrator 5.7, SOAP UI, TIBCO Mashery API 4.1 |

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| Project | - | Banking System Integration |
| Client | - | **M&T Bank, Buffalo, New York, U.S.A** |
| Domain | - | Banking |
| Role | - | TIBCO Lead |
| Duration |  | May 2017– July 2017 |
| Description | - | M&T Bank provides retail and corporate banking services through its applications hosted for various business domains namely Cash Management, Credit Life Cycle Management, Account Services, Deposit Services, Loaning, Collateral services etc. TIBCO is the middleware vendor utilized to integrate all domain applications. |
| Responsibilities | - | * Engaged in Analysis, Architecture, Design of TIBCO based ESB services through detail workshop and interaction with clients’ end-application owners and business users. * Analyzed Banking Industry Architecture Network (BIAN) Service Domains, Service Groups and mapped identified TIBCO Service Use-Cases as per BAN definitions to form the banking Canonical model. * Architected and Designed Zelle Payment Processes. * Worked with TIBCO Professional Services Group in laying down the deployment architecture of payment services. Performed scaling, FT, Load Balancing of EMS server. * Configured the TIBCO services in TIBCO Mashery. Created the TIBCO APIs in Admin portal. Created the API packages and plans in Admin portal. Created IODocs in admin portal for the TIBCO APIs. Managed Users, Portal, domains, Package keys in TIBCO Admin portal. Created API Keys for Applications from Developer portal, tested the APIs through Developer portal using the API Key. Created Swagger(JSON) Documents using RESTLET client application and validated the JSON data in JSON Lint application. * Provided hands-on TIBCO solution inputs to development team and coded Party Data Management process service. |
| Software | - | TIBCO BusinessWorks 5.13 / 6.3.2, TIBCO EMS 6.1, TIBCO Administrator 5.7, SOAP UI, TIBCO ADB Adapter 6.2, TIBCO Mashery API 4.1 Oracle SQL/PL-SQL |

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| Project | - | New Generation Telecommunication System (NGTS) |
| Client | - | **VIBO Telecom Inc. Philadelphia, PA, U.S.** |
| Domain |  | Telecom |
| Role | - | TIBCO Architect |
| Duration |  | May 2016 – March 2017 |
| Description | - | VIBO Telecom Inc. provides 3G wireless telecommunication services globally. It offers wireless surveillance systems, three-way video calls, interactive multimedia platform, and life customer services for its subscribers, as well as 3G roaming services. This project aims to integrate BSS applications of the company through a layer of TIBCO services. |
| Responsibilities | - | * Engaged in Design, Development of TIBCO BusinessEvents rules, functions, concepts, backing store etc. * Design and Development of TIBCO ActiveMatrix BusinessWorks services. * Performed Design, Development of TIBCO ActiveSpaces artifacts like MetaSpaces, Spaces etc. * Involved in Performance tuning and the load testing analysis to help the performance team to configure the accurate tuning parameters. * Supported the application during its maintenance phase by monitoring and continually addressing the issues reported by the users. * Performed extensive production support and administration, management, monitoring of TIBCO services in TIBCO Administrator. * Created TIBCO HAWK rulebases and deployed those in Administrator for runtime monitoring of TIBCO services. * Performed EMS fault-tolerance, load balancing of servers, created bridges, routes etc. * Performed deployment, administration of TIBCO service instances in TIBCO Enterprise Administrator. * Performed product support root cause analysis, raising of trouble tickets, incident reporting etc. |
| Software | - | TIBCO BusinessWorks 6.3.2, TIBCO EMS 6.1, TIBCO Administrator 5.7, TIBCO BusinessEvents 5.0, TIBCO ADB Adapter 6.2, Oracle SQL/PL-SQL |

**IBM India Pvt. Ltd. August 2012 – April 2016**

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| Project | - | Reliance JIO 4G Integration |
| Client | - | **Reliance Industries Ltd., Mumbai, India** |
| Domain |  | Telecom |
| Organization | - | IBM India Pvt. Ltd. |
| Role | - | TIBCO Lead |
| Duration |  | October 2015– April 2016 |
| Description | - | Reliance JIO was in process of implementing 4G retail and corporate products for customers and in such attempt it is integrating its various OSS and BSS applications through TIBCO. |
| Responsibilities | - | * Worked in Analysis, Design, Development, Unit Testing of TIBCO services. * Contributed in functional, technical discussions, meetings with client business users regard to integration pattern and methodology finalization. |
| Software | - | TIBCO BusinessWorks 6.3.0, TIBCO EMS 6.0, TIBCO Administrator 5.7, TIBCO BusinessEvents 5.0, TIBCO SAP Adapter 6.2, TIBCO ADB Adapter 6.2, SOAPUI 5.3, IBM Rational 2000, Oracle SQL/PL-SQL |

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| Project | - | Vodafone OSS-BSS Integration (Mobile Number Portability) |
| Client | - | **Vodafone Ireland, Dublin, Ireland, U.K.** |
| Domain | - | Telecom |
| Role | - | TIBCO Lead |
| Duration |  | June 2014 – September 2015 |
| Description | - | Vodafone Ireland was transforming Order and Service Management applications through integration of upstream and downstream business applications including external MVNO and MVNE applications through creation of a SOA centric middleware layer via TIBCO. |
| Responsibilities | - | * Participated in Requirement analysis analyzing Business Blue Print Documents. * Engaged in Architecture, Design, and Development and Testing of TIBCO services applying SOA principles. * Preparation of High and Low Level Design Documents. Development and Unit Testing of integration services. * Review of Test Cases, participated in SIT. * Performed TIBCO administration and production support activities in Linux environment. * Raise incident tickets, troubleshooting and debugging of exceptions by making root cause analysis of the TIBCO service code. Optimized and tuned the TIBCO code and deployed in administrator. * Implemented SOA Architecture in BW using SOAP over HTTP Process. * Implemented business processes by configuring shared resources, creating process definitions, creating activities, configuring message transports using TIBCO BusinessWorks. * Design and Develop Common Services framework for logging and error handling services applying EAI patterns. * Developed Web Services in BW and created WSDL for UI clients to call these services. |
| Software | - | TIBCO BusinessWorks 6.3, TIBCO EMS 6.0, TIBCO Administrator 5.7, TIBCO BusinessEvents 5.0, TIBCO SAP Adapter 6.2, TIBCO ADB Adapter 6.2, TIBTester, Oracle SQL/PL-SQL, Linux 3.14 |

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| Project | - | STAR Petrochemical Integration |
| Client | - | **Reliance Industries Ltd., Mumbai, India** |
| Domain | - | Telecom |
| Role | - | TIBCO Architect |
| Duration |  | August 2012 – May 2014 |
| Description | - | Reliance Industries Ltd. has partnered with SAP and TIBCO to assess, plan, design, integrate new and existing business processes of legacy applications pertaining to business domains like Manufacturing, Financial Accounting, Human Resources, Materials, Production, Procurement, Petrochemicals etc. under a unified SAP and PeopleSoft structure and TIBCO is utilized to build the middleware layer of SAP and PeopleSoft services. |
| Responsibilities | - | * Involved in Analysis from BBP documents, Service Portfolio creation, and creation of Architecture and Design documents. * Actively engaged in development, Unit Testing of TIBCO services. * Framed Deployment Architecture. * Engaged in discussions with business users to extract source-target data mapping for TIBCO services, finalization of integration methodology for service implementation. * Involved in team management, creation of project management artefacts. * Created SAP and PeopleSoft API Publication, Subscription and Request-Response services in TIBCO. Configured PeopleSoft Component Interfaces service. Configured SAP and PeopleSoft Adapter connection. Deployed the Adapter Archive in TIBCO Administrator. * Worked on TIBCO Business Events for analyzing complex patterns using events, concepts, scorecards, state modelers, functions, rules, channels and destinations of business event workbench palette. * Working experience in creating Concepts, Simple Events, Complex Events, DB concept, writing the rules and configuring the backing store in TIBCO BE. * Experience in designing the Business State Model, Decision Table using TIBCO Business Events. * Integrated the developed Tibco Business Events processes with Tibco Business Works using jms. * Developed complex routing logic for data routing using Business Events * Created many startup processes and the timer process to load the data from DB as well rules to be implemented. * Involved in Performance tuning and the load testing analysis to help the performance team to configure the accurate tuning parameters. * Involved in the deployment of the project into various environment by using TIBCO Business Works Administrator. |
| Software | - | TIBCO BusinessWorks 5.9, TIBCO EMS 6.0, TIBCO Administrator 5.7, TIBCO BusinessEvents 5.0, TIBCO SAP Adapter 6.2, TIBCO ActiveMatrix BusinessWorks PeopleSoft Adapter Plug-In 6.1.0, TIBCO ADB Adapter 6.2, TIBCO File Adapter 6.1, TIBCO CLE, SOAP UI 4.5, TIBCO ActiveSpaces 1.0.1, Oracle 11G, MS Visio 2010, Microsoft Project 2010, Oracle SQL/PL-SQL |

**SkyTech Solutions Pvt. Ltd. January 2011 – July 2012**

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| Project | - | Passenger Integration |
| Client | - | **United-Continental Airlines, Chicago, U.S.** |
| Domain | - | Airlines |
| Role | - | TIBCO Architect |
| Duration |  | October 2011 – July 2012 |
| Description | - | Passenger Integration - United-Continental Airlines was transforming their Baggage related events from uplink rule based event-driven application, which used to generate Baggage, Passenger Events and publish it to queue. After the Baggage and Passenger events are created, the implemented TIBCO BusinessWorks service catches it from the queue, transform and apply business validation and load it into BDS Passenger database. |
| Responsibilities | - | * Involved in Requirement Analysis analyzing BBP documents, Architecture layout, Service Portfolio creation, Design artefact preparation, and Development, testing of TIBCO based services. * Participated in discussions with Airlines business users to extract source-target data mapping for TIBCO services. * Finalization of integration methodology of TIBCO services. * Preparation of Deployment framework * Participation in configuration of Fault-tolerance and Load Balancing EMS servers. * Creation of Project Management and Quality Assurance artefacts. |
| Software | - | TIBCO BusinessWorks 5.9, TIBCO EMS 6.0, TIBCO Administrator 5.7, TIBCO SAP Adapter 6.2, TIBCO ADB Adapter 6.2, TIBCO File Adapter 6.1, SOAP UI 4.5, MS Visio 2010, Oracle 10G, Oracle SQL/PL-SQL |

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| Project | - | Cargo Integration |
| Client | - | **United-Continental Airlines, Chicago, U.S.** |
| Domain | - | Airlines |
| Role | - | TIBCO Architect |
| Duration |  | January 2011 – September 2011 |
| Description | - | United-Continental Airlines was in process of integrating legacy business applications with PeopleSoft, Oracle APPS ERP packaged applications through TIBCO integration. Major business processes include Cargo daily, monthly, weekly batch processes such as Freight Yield, Accounts payable, Accounts Receivable, Payment Recovery, Credit Card Invoicing and other processes. |
| Role | - | TIBCO Integration Consultant |
| Responsibilities | - | * Involved in Requirement Analysis analyzing BBP documents, Architecture layout, Service Portfolio creation, Design artefact preparation, and Development, testing of TIBCO based services. * Participated in discussions with Airlines business users to extract source-target data mapping for TIBCO services. * Finalization of integration methodology of TIBCO services. * Preparation of Deployment framework * Participation in configuration of Fault-tolerance and Load Balancing EMS servers.   Creation of Project Management and Quality Assurance artefacts. |
| Software | - | TIBCO BusinessWorks 5.9, TIBCO EMS 6.0, TIBCO Administrator 5.7, TIBCO SAP Adapter 6.2, TIBCO ADB Adapter 6.2, TIBCO File Adapter 6.1, SOAP UI 4.5, MS Visio 2010, Oracle 10G, Oracle SQL/PL-SQL |

**Capgemini India Pvt. Ltd. January 2010 – December 2010**

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| Project | - | Fosters Core Operations Integration |
| Client | - | **Carlton & United Breweries, Melbourne, Australia** |
| Domain | - | FMCG(Brewery) |
| Duration | - | January 2010 – December 2010 |
| Role | - | webMethods Lead |
| Project | - | Carlton and United Breweries was implementing a centralized JD Edwards global solution, integrating all their branch JDE applications and legacy systems, third-party banks, suppliers to be in synchronization with the JDE central system. with the centralized JDE application with external trading partners, banks etc. through TIBCO services. |
| Responsibilities | - | * Participated in Design, Development, Testing of webMethods services. * Engaged in analyzing business requirements preparation of Functional, Technical, and Interface Specification other design artefacts analyzing business documents. * Involved in development and providing solution inputs to development team. * Analyze messaging volumetric, gather source-target data mapping between integrated end-systems. |
| Software | - | webMethods 7.1 Developer, webMethods 7.1 Integration Server 7.1, myWebMethods server 7.1, Oracle 11G |

**TechMahindra Ltd. May 2006 – January 2010**

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| Project | - | Telecommunication OSS-BSS Integration |
| Client | - | **Etisalat, Saudi Arabia** |
| Domain | - | Telecom |
| Duration | - | January 2009 – December 2009 |
| Role | - | TIBCO Architect |
| Description | - | Etisalat DB is launching prepaid and postpaid services in Indian Telco market to offer its presence and expertise in serving millions of customers. TIBCO has been selected as the integration tool to integrate the different cross-functional Telco vendor modular systems. |
| Responsibilities | - | * Involved in architecture layout of TIBCO services based on messaging patterns. * Involved in requirement analysis with end-client business users. * Performed Development and Testing of TIBCO services. * Implemented SOAP/JMS and SOAP/HTTP Web Service. * Designed and developed the business process flows using TIBCO BusinessWorks. * Handled exposing concrete WSDLs provided by BW services and exposing BW WSDLs to source applications . * Extensively worked on Tibco BW palletes like Service Agent, JMSQueueSender, WaitForJMS, JDBC Query, SoapRequestReply and SendHTTPRequest. * Designed and developed the business processes that can run parallel threads for complex operations using Wait and Notify palletes. * Designed and implemented the Error Handling framework to be reused across all the tibco services and easy to maintain the user defined and run time exceptions. * Implemented error handling in Business Process and conducted Unit testing, component testing and supported system testing. * Created and deployed various EARs using Tibco Administrator. * Involved in creation of ear files & deployment for various environments (DEV,QA,UAT,PROD). * Provided solution inputs to development team. * Analyzed messaging volumetric and gather source-target data mapping between integrated end-systems. |
| Software | - | TIBCO BusinessWorks 5.7, TIBCO EMS 6.0, TIBCO Administrator 5.7, TIBCO ADB Adapter 6.2, SOAP UI 4.5, MS Visio 2010, Oracle 10G |

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| Project | - | New Generation TELCO Integration |
| Client | - | **COX Communications Inc., Atlanta, Georgia, U.S.** |
| Domain | - | Telecom |
| Role | - | TIBCO Integration Consultant |
| Duration | - | August 2008 – November 2008 |
| Description | - | COX Communications Inc. was planning to revision existing TELCO OSS-BSS applications into a new generation TELCO systems with state of the art ERP facilities and integration the applications through Oracle SOA Suite. |
| Responsibilities | - | * Deputed in Atlanta, Georgia, USA as Middleware Lead for gathering integration requirements. * Prepared Integration Interface Specification documents, Functional Specification. * Attended workshops and engaged in discussions with client users and gathered the broader level Middleware processes. * Analyzed the Integration processes and decomposed the processes into Middleware services and further drilled-down into granular Use-Cases. |
| Software | - | Oracle Fusion Middleware, Oracle SOA Suite, JDeveloper, Oracle Application Integration Architecture |

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| Project | - | National Multi-Product Corporate Service System |
| Client | - | **PT Telekommuniska Ltd., Bandung, Indonesia** |
| Domain | - | Telecom |
| Role | - | webMethods Lead |
| Duration | - | December 2007 – July 2008 |
| Description | - | PT Telekommuniska Ltd. Was in process of integrating business applications in domain of Billing (Infinys), Provisioning (Clarity), CRM (SAP-CRM), Mediation, Network Inventory, Fault management etc. with webMethods middleware. |
| Responsibilities | - | * Participated in Analysis, Identification, Design, Development, Testing of webMethods services. * Preparation of High, Low Level Design Artefacts; Deployment Architecture. * Designed and developed the webMethods processes in webMethods Designer. * Deployed the processes into Integration Server and Broker. * Created Project Management and Quality artefacts. |
| Software | - | webMethods 6.5 Developer, webMethods Integration Server 6.5, webMethods Broker 6.5, webMethods SAP Adapter 6.5, webMethods Portal Server 6.5 , Oracle 10G |

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| Project | - | Telecommunication Business Application Integration |
| Client | - | **Thailand Telecommunication Ltd.(TT&T), Bangkok, Thailand** |
| Domain | - | Telecom |
| Role | - | TIBCO Lead |
| Duration | - | June 2006 – November 2007 |
| Description | - | Thailand Telecommunications is in process of integrating Customer Care & Order Management, Billing, Provisioning, Fault Management systems using TIBCO. |
| Responsibilities | - | * Deputed in Bandung, Indonesia as Onsite Integration Lead. * Participated in Analysis, Identification, Design, Development, Testing of TIBCO services. * Preparation of High, Low Level Design Artefacts. * Deployment Architecture. Created Project Management artefacts. |
| Software | - | TIBCO BusinessWorks 5.2, TIBCO EMS 5.4, TIBCO Administrator 5.0, TIBCO ADB Adapter 5.9, SOAP UI 4.5, MS Visio 2010, Oracle 10G |

**iflex Solutions Ltd. (Oracle) August 2005 – May 2006**

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| Project | - | Enhanced Securities - Banking Operation System |
| Client | - | **State Street Bank, Boston, Massachusetts, U.S.** |
| Domain | - | Banking |
| Role | - | TIBCO Developer |
| Duration | - | August 2005 to May 2006 |
| Description | - | Enhanced Securities System deals with transfer of financial securities and instruments across different participating system like Bloomberg-PSDL Share Trading system, GTM and other legacy systems. |
| Responsibilities | - | * Engaged in development and Unit Testing of TIBCO services. * Implemented SOAP/JMS and SOAP/HTTP Web Service. * Designed and developed the business process flows using TIBCO BusinessWorks. * Extensively worked on Tibco BW palletes like Service Agent, JMSQueueSender, WaitForJMS, JDBC Query, SoapRequestReply and SendHTTPRequest.. * Designed and developed the business processes that can run parallel threads for complex operations using Wait and Notify palletes. |
| Software | - | TIBCO BusinessWorks 5.2, TIBCO EMS 5.4, TIBCO Administrator 5.0, TIBCO ADB Adapter 5.9, SOAP UI 4.3 |

**LabVantage Solutions Pvt. Ltd. February 2005 – July 2005**

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| Project | - | Laboratory Information Management System(LIMS) |
| Client | - | **Novartis Ltd., U.S.A** |
| Domain | - | Life Science, Pharmaceuticals |
| Role | - | TIBCO Developer |
| Duration | - | February 2005 to July 2005 |
| Description | - | LIMS is a product meant to provide laboratory-based solutions for pharmaceutical companies in areas of asset management, chemical analysis, inventory management, tracking, materials and integration with other applications. |
| Responsibilities | - | * Engaged in development and Unit Testing of TIBCO services. * Engaged in development and Unit Testing of Java/J2EE services such as creation of Java classes, servlets, JSP pages, Tag libraries, configured JDBC connections. * Created XSD’s and developed applications using XML,XSLT and java. |
| Software | - | TIBCO BusinessWorks 5.0, TIBCO EMS 5.2, TIBCO Administrator 5.0, TIBCO ADB Adapter 5.7, SOAP UI 4.3, JDK 2.0, Oracle 9i |

**Metalogic Systems Pvt. Ltd. February 2004 – January 2005**

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| Project | - | Railway Geographical Information System (GIS) |
| Client | - | **South Eastern Railways, West Bengal, India** |
| Domain | - | Utilities(Railways) |
| Role | - | Java Developer |
| Duration | - | February 2004 to January 2005 |
| Description | - | The GIS map based information system developed to cater needs of Railway Management for managing spatial data on a single map interface thus integrating the spatial data with downstream railway applications through Java/J2EE based web Portal. |
| Responsibilities | - | * Engaged in development and Unit Testing of Java classes. * Creation of JSP pages and invocation of MAPINFO map image objects into JSP pages using MAPINFO APIs |
| Software | - | JDK 1.4.2, JSP 2.0, J2EE 1.4, Jakarta-Tomcat 4.0.2 JavaScript 1.0, Oracle 8.0 |

**WestBank Hospital November 2002 – January 2004**

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| Project | - | Hospital Inventory System |
| Client | - | **Westbank Hospital, Howrah, West Bengal, India** |
| Domain | - | Hospitality |
| Role | - | Systems Analyst |
| Duration | - | November 2002 to January 2004 |
| Description | - | Hospital inventory system focuses on maintaining stock related transactions of various hospital items pertaining to different hospital clinical and non-clinical departments. |
| Responsibilities | - | * Analysis of Hospital Inventory system from hospital business users. * Engaged in development and Unit Testing of Java/J2EE services. |
| Software | - | JDK 1.4.2, JSP 2.0, J2EE 1.4, Jakarta-Tomcat 4.0.1, JavaScript 1.0, Oracle 8.0 |

**Sunrise WorldWide Pvt. Ltd. January 2001 – October 2002**

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| Project | - | CO-Operative Banking System |
| Client | - | **Shibpur and Midnapore CO-Operative Bank, West Bengal, India** |
| Domain | - | Hospitality |
| Role | - | Java Developer |
| Duration | - | January 2001 to October 2002 |
| Description | - | CBS (Co-Operative Banking System), a product aimed to provide a total solution to the I.T. needs of the Banking Industry. CBS has been developed to provide all aspects of Banking Operations from Account Opening, Transactions (Deposit and Withdrawal), to Account Closure. |
| Responsibilities | - | * Engaged in development and Unit Testing of Java classes. * Creation of JSP pages. |
| Software | - | JDK 1.4.2, JSP 2.0, J2EE 1.2, Jakarta-Tomcat 4.0.1, JavaScript 1.0, Oracle 8.0 |

**PRE-SALES ENGAGEMENTS**

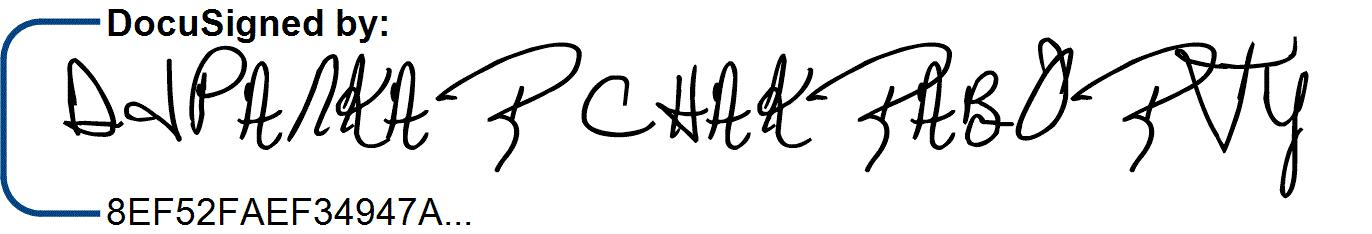
* As a part of Pre-Sales activities engaged in preparation of commercial proposal; prepared Integration Methodology, Compliance Matrix, Bill of Materials, Effort Estimations, Pricing etc. for globally renowned clients vizibly Cox Communications, O2 Germany, Vodafone Ireland, Bangladesh Grameen Telephone, Telnor Norway, Etisalat MVNE Integration Saudi Arab, Starbow Airlines, Singapore Airlines, Fast Telco, GEM, GTEL, Huawei Telecom, Jordan Telecom Group, KBank, KPN, Liberty Broadcasting Network, PLM, Omantel Oman, PLDT Philippines, PTTELKOM Indonesia, TISCALI Italy, T-Mobile U.S., VTel, Watania, UPC, Unitech Wireless, Vonage, YTL, MTN, Bakrie Telkom, Bank of Philippines, DST Brunei, Celcom, CISCO, Datacom, Datakraft, Dave Wireless, Deutsche Telecom AG, Starhub Singapore, NTS, OCC, TNZ, BSNL India, Bharati Airtel India, Axia, Autodesk, Singtel, Sensis, Loop.
* Supported Sales team in identify areas of opportunity for the implemented TIBCO Integration solutions with objective of developing integration assets, reference architectures, prototypes to showcase to clients, vendors of different verticals and include the case studies within the proposals, RFPs.
* Streamlines process for analyzing, documenting and delivering RFP/RFI content.
* Framed TIBCO Integration Solution Stack and Methodology for varied proposals depending on the client needs and client “To-Be” end applications.
* Analyzed history data and existing architecture of client software infrastructure to speculate and predict the “To-Be” TIBCO Integration Services/Use-Cases within response to RFPs, proposals.
* Recommended improvements in TIBCO Solution Methodology to clients and demonstrated potential cost reductions and process improvements.
* Developed Integration Architecture for different bids.
* Performed Pre-Sales technical presentations explaining the “To-Be” integration architecture to visiting client SMEs during pre-proposing and bidding process.
* Performed Technical presentations on TIBCO, webMethods architecture, Application of Middleware in telecom industry.
* Involved with KPMG on behalf of SkyTech Solutions to showcase TIBCO Integration projects to CMMI Level-5 Auditors as a part of CMMI-Level5 accreditation drive.

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| **PERSONALS** |  |  |
| Date of Birth | **-** | 13th May 1975 |
| Nationality | **-** | Indian |
| Passport Number | **-** | J0085572 |
| SKYPE ID | **-** | dipankarc3 |
| Work Authorization | **-** | H1B Visa |

**DECLARATION**

I hereby declare that all above information is correct and true to my knowledge.

**Date:** September 20 2018 **Place:** Baltimore, Maryland

**Signature: **