



# DIBAKAR DEB

## INTEGRATION CONSULTANT

### PROFILE

Dibakar has IT consulting experience of 10 years and also worked as a lecturer for 2 years in Indian universities. During this tenure he worked in various integration projects, complex event processing project, and deployment automation assignments etc.

He is very dynamic in his approach with good learning agility & analytical skills. He helped customers to setup development environments & standards for new technologies/tools.

Dibakar is a great team player and has great team building capabilities. He is always inquisitive. Dibakar is cognizant of his duties and responsibilities. He worked as a corporate trainer. At present he is actively working to move toward IoT technology.

### ACADEMIC

- M. Tech in Radio Physics & Electronics from Calcutta University in Year 2006 – 2008.
- B. Tech in Radio Physics & Electronics form Calcutta University in Year 2003 – 2006.
- B. Sc in Physics (Hons.) from Calcutta University in year 1999- 2003.

### CONTACT

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### WORK EXPERIENCE

Nederlandse Spoorwegen as IoT Sol. Architect	Apr 2020 to till date
TMNS/Devoteam as IT Integration Consultant	Sep 2013 to Apr 2020
Capgemini India Pvt. Ltd. as Senior Consultant	Jun 2012 to Aug 2013
TIBCO Software Ltd. as Associate Consultant	Aug 2010 to Jun 2012
Tech Mahindra as Technical Associate	Oct 2008 to Aug 2010
Kingston Polytechnic College as Lecturer	Nov 2007 to Sep 2008

### CERTIFICATION

- MuleSoft Certified Developer - Level 1 (Mule 4)
- Certified Associate in Python Programming from Python Institute
- TIBCO Certified Professional for TIBCO ActiveMatrix BusinessWorks 6
- Certified Professional Scrum Master
- SOASchool Certified SOA professional
- OMG Certified Expert for Business Process management
- TIBCO Certified Professional for TIBCO BusinessEvents™ 5
- Diploma in Computer Science from Stanford University
- Diploma in Networking from Stanford University
- TIBCO Certified Professional for TIBCO ActiveMatrix BusinessWorks 5
- TIBCO Certified Professional for TIBCO Enterprise Messaging Service™ 6
- Oracle Certified Professional, Java SE 6 Programmer.

### ACHIEVEMENTS

- Appreciated by Business & Technology Head Eneco.
- Star performer award as a certificate of appreciation from Capgemini.
- Appreciated by Senior Director of TIBCO Software Ltd. India
- Cookie award as a certificate of appreciation from TechMahindra.
- Ranked as third position in M. Tech Batch of Radio Physics & Electronics.
- National Scholarship for excellence in B. Sc (Physics Hons.) Examination under University of Calcutta.

### BUSINESS SKILLS

Skill	Level	Skill	Level
Architecture	4	Consultancy	4
EAI - SOA	5	Functional Design	4
Infrastructure	4	Project lead	1
Team Lead	4	Technical Design	5
Agile	4	Scrum	5

\*\*Max value is 5

## TECHNICAL SKILLS

Skill	Level	Skill	Level
Tibco BusinessWorks 6.X	5	Mulesoft	3
Tibco BusinessWorks 5.X	5	Java	4
Tibco BusinessEvents 5.X	5	PL-SQL	3
TIBCO Enterprise Administrator	5	Jenkins	3
SOA	5	TIBCO Spotfire	3
Subversion	5	Visio	4
XPath	5	REST	4
SOAP-UI	5	TIBCO iProcess	4
nJAMS (TIBCO BWPM)	5	Gems	5
TIBCO EMS	5	Outsystems	3
Tibco BW Administrator	5	APIGee	3
Kafka	1	Python	3

\*\*Max value is 5

## PROFESSIONAL EXPERIENCE

Client	<b>Nederlandse Spoorwegen</b>	April 2020 – Till Date
Role	IoT Sol. Architect	Project Smart Train Information Processing

**Description** NS is the largest passenger rail transport company in the Netherlands, with more than 1 million travelers per day riding in approximately 4,800 train journeys on the Netherlands' 2,100 kilometers of railways. To do so, NS has almost 3,000 railway cars with seating for more than 260,000 passengers. NS is also responsible for the maintenance of 380 stations.

As an IoT solution architect from NS, Dibakar is responsible for creating HLD for the business requirements, and navigate the team to implement the modules. He is responsible to generate and process travel information and display them over train's internal displays and platform overhead display.

**Used skills** TIBCO BW6, TIBCO BusinessEvents, TIBCO ActiveSpaces, TIBCO EMS, AS2 connections, Oracle, GitLab, TLS1.2, SOA, yED, Jenkins, Java, Python

Client	<b>Ceva Logistics</b>	January 2019 – Till Date
Role	Integration Expert / TIBCO Expert	Project Datacenter Migration

**Description** CEVA's entrepreneurial spirit can be traced right back to 1946, when Ken Thomas founded Thomas Nationwide Transport (TNT) in Australia with a single truck. Over the next five decades, TNT developed an enviable global reputation, particularly in contract logistics.

As an Integration and TIBCO expert from Devo team Dibakar role is to help Ceva to make a proper migration plan to migrate new data center with an enhancement from TIBCO BW5.6 to TIBCO 5.13. He was responsible to create standardization of the migrated code, restructuring of complex project, automate the recurring tasks & managing the off-shore team.

**Used skills** TIBCO BW5.6, TIBCO BW5.13, TIBCO BusinessWorks 6, TIBCO EMS, AS2 connections, Oracle, SVN, GitLab, TLS1.2, SOAP-HTTP, SOAP-JMS, yED, Jenkins, Java, Python, Jenkins

Client	<b>De Watergroep</b>	October 2018 – December 2018
Role	Integration Expert / TIBCO Expert	Project TIBCO BW6.x Platform Setup

**Description** De Watergroep is the largest drinking water company in Flanders (Belgium). They are delivering water via a network of 34,000 kilometers of pipes to 177 municipalities spread over West and East Flanders, Flemish Brabant and Limburg. It serves more than 3.2 million customers and hundreds of companies.

As an Integration and TIBCO expert from Devoteam Dibakar responsibility was to set up the TIBCO BW6 deployment and development environments. This project includes creating the TIBCO BW project template, coding & naming standards, creating common logging framework and shared project modules and creating the CI-CD pipeline.

**Used skills** TIBCO BW 6.X , SOAP-HTTP, SOAP-JMS, yED, Jenkins, Java. EMS 8..4

Client	<b>Eneco</b>	July2015 – December 2018
Role	Integration Expert	Project Various Projects

**Description** Eneco, the trading name of Eneco Holding N.V., is one of the largest producers and suppliers of natural gas, electricity and heat in the Netherlands, serving more than 2 million business and residential customers. Eneco headquarters are located in Rotterdam. It also carries out energy trading and is involved in sustainable energy projects.

Being part of different scrum teams, Dibakar helps Eneco to establish technical communication channel with iDeal to facilitate Eneco customer to pay their bills via App and online portal. He established secured HTTP connection with EDSN over TLS1.2. He implemented Eneco document management system integrating with Microsoft Azure. He also participated in multiple EDSN sector releases and implemented the TIBCO automated delivery pipeline using Python, Java, Jenkins. He has setup TIBCO BW6 development & runtime platforms.

As an integration expert he communicates with all involved stakeholders, technical teams, functional teams and functional managers. He has also works on few proposals which includes smart offer campaign using TIBCO Business Events (5.x). He improved the monitoring of integration layer and co-relate the technical transactions of functional flows. He provided Technical Trainings and helped Eneco internals with TIBCO related queries.

**Used skills** Apigee, Outsystems, TIBCO BusinessWorks 6, TIBCO BusinessWorks 5, TIBCO Business Events, TIBCO EMS, TIBCO ActiveSpaces, Oracle, SVN, A10 Load balancer, TLS1.2, SOAP-HTTP, SOAP-JMS, REST/XML, REST/JSON, yED, Jenkins, Java,Python Tibco BW Administrator

Client	<b>Ziggo</b>	May2014 – June2015
Role	Developer / Designer	Project Ziggo Integration Center

**Description** Ziggo deploy ZIC (Ziggo Integration Center) Team in order to create a combined and consistent view of their core information as well as process assets and leverage them across the enterprise to drive business decisions and operations. This project focused on integration competency center (ICC), which is a shared service function within an organization, particularly large corporate enterprises uses for performing methodical data integration, system integration.

As a part of this team Dibakar integrate different systems to enable efficient information exchanges and business process automation across different applications in a cohesive fashion using web services and

SOA standards. He also introduces TIBCO BusinessEvents(BE) and establish the development framework and standards for BE. He helped also to automate the TIBCO deployment pipeline with Jenkins.

Used skills Tibco Business Works 5.13/ 5.11, Tibco BW Administrator 5.7, Tibco EMS 7, Tibco Business Events 5.x, Gradle and Jenkins, Java

Client **Vodafone Egypt** Jan 2014 - May 2014  
Role Developer / Designer Project Order Management System

Description Vodafone Egypt is undertaking this architectural work in effort to ensure some long-term gains in the current processes of product inception. The goal is to lower time to market and cost of change within the middleware. Their order management system was implemented using NTS. The NTS is the system that currently handles the CRM, trouble ticketing and billing for the SDSL product. Vodafone Egypt has launched a plan to replace the NTS and move its functionalities to be done through Siebel, TIBCO and BSCS in order to align to the VFE landscape and have more control and flexibility over the functionalities. The scope is to implement the use cases supported by NTS to be done through TIBCO Fulfillment Orchestration Suite (FOS). TIBCO Fulfillment Order Management (FOM) is part of FOS and is the product utilized in this project.

Used skills TIBCO ActiveMatrix BusinessWorks 5.9, TIBCO Administrator 5.6, TIBCO EMS 6, FOS

Client **Ziggo** Oct 2013 - Nov 2013  
Role Developer / Designer Project Ziggo Sweep Release

Description Ziggo is the largest cable operator in the Netherlands, providing cable television (digital and analog), broadband Internet, and telephone service to both residential and commercial customers. As a part of Sweep release, Dibakar helped to enhance the RBM system with customer related data, which is responsible for billing/invoice. He was responsible to change few of the ESB interfaces.

Used skills Tibco Business Works 5.13/ 5.11, Tibco BW Administrator 5.7, Tibco EMS 7

Client **British Columbia Hydro** June 2012 - June 2013  
Role Integration & Complex event processing Expert Project Smart metering Infrastructure

Description BC Hydro is one of the largest energy providers in BC province of Canada. The aim of the engagement is to provide business solutions to the client so as to strategically enable them to align with their long-term objective of increased customer satisfaction by enabling customers to actively manage their energy choices, adopting new energy and conservation solutions, and benefiting from an electric grid that is modern, reliable, safe and cost-effective. Which in turns improves customer service, achieve conservation and energy efficiency, achieve operational efficiency, protect revenue. As a part of Camgemini off-shore team. Dibakar was doing requirement analysis in this project. He used to translate business requirement into technical design. Dibakar was also responsible for leading the integration team and setting up the Complex Event processing (CEP) platform. He trained his team to work with CEP tool, setup the Runtime environment for TIBCO Business Events and formalized the way

working with integration and CEP tools. He was single point of contact for TIBCO BusinessEvents architecture.

Used skills Tibco Business Works 5.13/ 5.11, Tibco BW Administrator 5.7, Tibco EMS 7, Tibco Business Events 5.x, Java

Client	<b>Citi Bank Singapore</b>	January 2011 – June 2012
Role	Team Lead	Project Centralize Offer Palette System (COPS)

**Description** This is a Citi Banks Project. COPS is responsible for the creation of the different types of offers for different types of customers depends on their level transactions, festive seasons, and also by tracking the life style. COPS is also responsible for triggering events to inform the customer via e-mails, SMS, service call etc. it senses the response by the customer on an offer and take the appropriate action on it. COPS also maintain the appointment related information which are schedule for agents and help the Offer Manager/Owner, to track the offer promotion and different statistics.  
As a TIBCO Software Off-Shore COPS team Lead, Dibakar was doing requirement gathering, low level designing, performance tuning of integration and CEP codes, code review, maintaining development tracker. He worked on many POC for TIBCO pre-Sales teams & also worked as firefighter to handle critical production issues.

Used skills Tibco Business Works 5.9/ 5.7, Tibco BW Administrator 5.5, Tibco EMS 7, Tibco Business Events 3.x/4.x/5.x, Java

Client	<b>TIBCO Software.</b>	November 2010 –January 2011
Role	Developer	Project TIBCO TIBBR Palette (Plugin) Development

**Description** This was a BW plugin development project, in which Dibakar has to create a tibbr palette for TIBCO Business Works which includes a Shared Connection to connect the TIBBR server, GET Message activity to get the messages from the server on the basis of sender, date, subject or conversation, POST Message activity.  
As a part of the TIBCO Engineering Team he was responsible to develop the code in JAVA and support customer with their issues & queries. He also provided many corporate trainings in TIBCO business works and TIBCO business events during this tenure.

Used skills Tibco Business Works 5.7, Tibco Designer 5.6, Core JAVA, TIBCO TIBBR

Client	<b>NELSEN.</b>	September 2010 –November 2010
Role	Support/Associate consultant	Project NELSEN BuzzMatrix

**Description** This was L3 tech support for TIBCO iProcess & BW. Dibakar was responsible for monitoring the errors and exceptions arrived in production environment and raising the ticket for the same. He was supporting the Tech team with BW related queries and following up the escalated issues with customer’s IT & Tech team.

Used skills Tibco Business Works 5.7, Tibco iProcess

Client	<b>British Telecom</b>	February 2009 - July 2010
Role	Developer	Project Twenty First Century Planning (TCP)

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**Description** TCP is a web base BPM (Business Process Management) tool used to plan and monitor the work flow. British Telecom Planner use this tool to plan jobs which include requirement capture, addition of components, categorization and Authorization of job, assets Registration, assignment of contractor & monitoring the progress.

Dibakar was working with TechMahindra off-shore team as a developer. He worked with J2EE, TIBCO Businessworks, TIBCO iProcess and Oracle database. In this project He learned Agile way working and introduced with many technologies.

**Used skills** Tibco Business Works 5.9/ 5.7, Tibco BW Administrator 5.5, Tibco EMS 5, Java, J2ee, JavaScript, JSP, Servlet, TIBCO iProcess, Oracle 9i