

Tanay Vaidya

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Education:

Fr. Conceicao Rodrigues College of Engineering, Mumbai.

Full Time (B.E.) (Electronics Engineering, Mumbai University)

Course	Month-Year	Institute	University/Board	Percentage%
B.E.	June-2015	Fr. C.R.C.E.	Mumbai University	62.36% (Agg)
H.S.C.	February-2011	K.C. College	State Board	84.5%
S.S.C.	March-2009	C.S.S. High School	State Board	87.37%

Technical Skills:

Development Tools	TibcoBW Designer 5.X, Tibco Studio 6.X, Tibco Container Edition, Eclipse/STS, IntelliJ
Programming Languages	Core java, Spring boot.
Cloud Technologies	Docker, OpenShift, Kubernetes, Opentelemetry, Jaeger, Elasticsearch, Kibana.
Database	SQL, Tibco ActiveSpaces, Apache Ignite.
J2EE Technologies	JMS, JDBC, SOAP and REST Web-Services.
Operating Systems	Windows, Linux.
Other Tools	Tibco EMS, Tibco Administrator, WinSep, Putty, Jenkins, IBM WAS, Gems, Prometheus, Grafana.
Version Control System	SVN, Serena Dimension, GIT, RTC.

Experience: 9.1 Years Total.

FirstRand Services Pvt. Ltd. (4 Year, 3 months)

– Integration Developer (April 2020-Present)

(RMB- Rand Merchant Bank, SA)

Projects

● RealTime Integration COE

Overview: RTI COE teams cater to the RealTime Integration needs for whole RMB group across various applications and business units. COE as a team has over 400 adapters running in PROD specifically designed to cater multiple projects any unique requirements as per projects. Integration plays critical role in groups core projects responsible for Trading platform, Funding & Swift communication etc. Integration layer also plays vital role in managing and publishing large data of counterparties in central data warehouse.

Responsibilities

- Individual contributor in Kanban style workflow. Responsible of initial analysis, feasibility, and timelines.
- Total responsibility from “Requirement to Final solution” for any enhancement or new work which includes various stages such as analysis, design and development, DEV and UAT testing and production artifacts preparation, Prod deployment and post deployment support along with necessary documentation and group processes.
- New architecture design and development for groups migration from CDH to GS for data warehousing.
- New architecture design for Swift ISO migration.
- Peer code review.
- L3 Production support for any technical blockers to assist support teams.
- Tibco Admin and EMS server maintenance and support.

Exploring other options and POCs to potentially revamp integration platform to cloud enabled platform.

Working on Tibco Container Edition offering for the same.

Technologies: Tibco BW 5.X, Tibco Container Edition, Docker, OpenShift, Prometheus, Grafana, Opentelemetry, Jaeger, Elasticsearch, Kibana, Core Java, Tibco Admin, Tibco EMS, Tibco ActiveSpaces, Appmanage utility, Maven, ControlM, SQL, Unix shell scripting, Git repository.

Reliance Jio Infocomm Ltd. (1 Year, 10 months)
(Integration Platform)

– Senior Developer/Deputy Manager (July 2018- April 2020)

Projects

- **Enterprise Data Integration Framework (EDIF)**

Overview: EDIF is high performance data integration platform developed for database management of various customer data of organization having 340+ million live customers on production. For managing the data with such magnitude, a unique in-memory cluster-based solution is developed having various webservices available for other system and applications within organization to access and query data from cluster. The solution help to improve efficiency and in terms of reducing the query time drastically. Project further aims at making the whole solution moved to open-source platform.

Responsibilities

- Development of efficient webservices for querying and insertion of in data cluster as per business requirement along with integration with SAP team.
- Managing and leading a team in terms of understanding and development for new requirements, in providing effective and bug free solution.
- Currently working on migration of existing services from Tibco BW to Spring boot platform.
- Technical review of code developed by subordinates and peers.
- Detailed Unit testing and testing support across all environments.
- Technical Support for L3 and support team for production issues and deployments.
- Working along with UI team to provide more user-friendly view of data from data cluster, along with same cluster monitoring dashboards using Prometheus and Grafana. (For internal and technical use only)
- Functional training and knowledge transfer for new joiner in team and technical training for freshers.
- Technologies: Tibco BW 5.X, core Java, Spring boot, Tibco Admin, Tibco EMS, Tibco ActiveSpaces, Apache Ignite, Appmanage utility, Unix shell scripting, Git repository, Kubernetes, Prometheus, Grafana.

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BNP Paribas India Solutions Pvt. Ltd. (3 Years, 1 month)

Software Engineer (March 2017-July 2018)

Jr. Software Engineer (June 2015- Feb 2017)

(International Trade, Corporate Banking IT)

Projects

- **Finance Supply Chain Management (TMX-Trade Messaging Exchange)**

Overview: TMX is a middleware designed using Tibco BW tool to integrate and establish communication channel between front office and back-office application for supply chain finance, along with this it provides the facility for trade specific application to communicate and exchange the data with other enterprise applications running on different platforms. It also provides facility to Trade clients to upload custom files where exchange layer takes care of the transformation and validation of custom file in standard enterprise acceptable format.

- **eWare (Document warehousing platform)**

Overview: eWare is very special application developed to serve Indian Trade client to manage their invoices and similar trade products, It works as e-Warehousing platform with some unique facilities like payment consolidation and initiation from eWare application. Tibco BW based middleware is designed to serve client to upload these invoices and other trade products in client specific custom format. Generic code is developed with minimum and hassle-free client onboarding.

- **SwiftNet Trade**

Overview: This project is developed as channel between internal system and interbank exchange of SWIFT messages used for international trade. Major business logic and computation for SWIFT is handled at Tibco BW side and JAVA web-application is provided for users to monitor the message flow and status of transaction and interactive user experience.

Responsibilities

- Understanding the functional requirement with BA and feasibility of enhancement.
- Preparation of Technical design document and provide the detailed impact analysis.
- Design of new flows and enhancements using Tibco BW.
- Unit Testing, Server integration testing for end-to-end application setup.
- Complete UAT deployment and post-deployment sanity support.
- Tibco Admin and EMS server maintenance and support.
- PROD deployment artifacts preparation and actual go-live support.
- L3 Production support for any issue faced on production server and assist L2 team for quick resolution.
- Java Web-application maintenance.
- Training of new joiner to the team more on functional aspect of end application along with technical training.
- Contributed to development of small within team automation tools for automatic deployment, Jenkins and Testing support tools.
- New design and setup for the repository migration from old Dimension to SVN.
- Played a key role in server migration of all services from OLD server to new SSL enabled more security rich server.
- At a crunch time worked as a single developer in a team for almost 6 months and handled all the development with bug free releases.

Technologies: Tibco BW 5.X, Tibco Admin, Tibco EMS, Tibco MFT, Appmanage utility, Unix shell scripting, Axway CFT, core Java, IBM WAS console, SVN repository.

Internships:

- **Siemens Limited, Mumbai** **Duration: 1 Month, 2014**
Underwent in plant training in Department of Industrial Drive Technology
- **Mazagaon Dock Limited, Mumbai-10** **Duration: 1 Month, 2013**
Underwent industrial training in Department of **Submarine-Electrical Weapon** and **Shipbuilding- Electronic Shop**

Publication:

Published International Research paper on **ANALOG HAPTIC ROBOTIC ARM**.
Paper Published in **International Journal of Scientific & Engineering Research (IJSER)**
Volume 5, Issue 1, January 2014 Edition (ISSN 2229-5518)

Achievements:

- Awarded as first runner up for 'Quick PCB Machine' project in pan India project QuEST Ingenium out of 6000 entries. Project idea was well appreciated and by sponsored under Innovation & Entrepreneurship Development Cell (IEDC) by Department of Science and Technology (DST), Government of India, in academic year 2014-15.
- Awarded the 'TCS Best Project Award' for the academic year 2014-15
- Manual Robot Team Leader & Operator of team which participated in Asia-Pacific level Robotic Contest ABU-ROBOCON'14 and ABU-ROBOCON'13 (International Robotic Competition) which secured AIR 22. Worked as the Head of Electronics Department in the team and led the Manual Robot making team.
- Developed various project such as 'Autonomous Wireless Writing Robot' and 'Analog Haptic Robotic Arm' in academic career which were well recognized by industry and academic experts. Research papers are also published for the same in reputed international journals.
- Appointed as Joint-Technical Head in the Students Council for the year 2012-13 Electronics Engineering Students' Association (EESA-CRCE).
- Member of National Cadet Corps Air wing (N.C.C.), 2007-2008.
- Secure First place in Ward level as well as District level Science Exhibition and represented Mumbai in State level Science exhibition held at Latur, 2006 for the Project on Bio-Diesel.
- Selected for the National Earth Festival-2003 held at National Bal Bhavan, New Delhi from Bal Bhavan, Mumbai.