Debasish Sarangi

Contact

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Skill Highlights

- IIB (IBM Integration Bus), ESQL, REST API, SOAP API
- WTX/ITX (Web Sphere Transformation Extender)
- MQ Setups
- Cast Iron (App Connect v 7.5)
- Axway
- C# .NET
- SQL Server
- Selenium
- Python
- Machine Learning, Deep Learning

Achievements:

- Rank #227 in TechGig Code Gladiator (International Level Coding Competition) 2021 Finale out of 316464 participants

- Highest rating in all the appraisal cycles across all organizations where I have worked and Received 16 awards for being a best performer in Infosys, Infor and Cognizant.

- Saved 912 thousand dollars for client by automating manual works

- Won 7 awards for photography in Infor, and one of my clicks was even shared by Infor COO in Tweeter

Summary

I have overall experience of 9.3 years with expertise in EDI map development using IBM WTX/ITX (Web Sphere Transformation Extender Developer, v 8.3 & v 8.4, 10.0), application development and end to end integration using IIB (IBM Integration Bus), ESQL and Cast Iron (App Connect v7.5). Apart from that I also have expertise in Data Science, Deep Learning & Machine learning concepts, proficiency in writing complex SQL stored producers, application development and automation using C#, SQL, Selenium and python.

Below are few highlights of the work that I have done in the past:

- Experience in developing maps using IBM WebSphere transformation extender (WTX/ITX) in EDI project and have extensive experience with XML, JSON, X12, EDIFACT, Flat File formats format messages parsing and transformation.

- Experience in developing IIB (IBM Integration Bus) flows and designing end to end architecture and have strong programming Knowledge of Esql.

- Experience in working with Cyclone (Axway Transmission Tool) and implementing B2B setups with different protocols like FTP, SFTP, and AS2. I have worked as an offshore B2B expert and handled many critical connectivity issues.

- Proactively developed more than 13 internal tools to automate the manual process within the team, also implemented more than 25 ideas across organizations, which helped in improving overall productivity of the team and 2 of these tools saved around **912 K USD** for my organization. I used Python, C# .NET, SQL, and selenium for most of my automations.

Professional Experience

- Senior Associate (Tech Lead), **Cognizant** from May 2021 to till date.

- Senior System Consultant, **Infor Nexus** from May 2018 to May 2021.

- IT manager-Dot Net, **Tata Steel Limited** from October 2017 to May 2018.

- Technology Analyst in **Infosys Ltd** from August 2013 to September 2017.

Education

Examination	Specialization	University	Year of passing	% of marks
B. Tech	Electronics & Communication Engineering	Biju Patnaik University of Technology	2012	82%
12th	Science	C.H.S. E	2008	73.8%
10th	H.S.C	B.S. E	2006	87.6%

Certification & Self-Taught Skills:

- Certified in IBM WebSphere Transformation Extender V8.4 AppIn Development

- Self-learning from Udemy: Python & R Programming, Machine Learning, Data Science, Deep Learning, SFDC integrations, MuleSoft for completing several project specific tasks.

Projects:

Baxter International Inc:

The scope of the project was to develop Data Integrations and Replications between Salesforce and boundary systems using Datastage and AIP (IIB, ITX, MQ, CI) Technologies for Batch and Real time interactions. Also, to support the existing data integrations and replications in Production Environment (DataStage – L1.5, L2 and L3, AIP - L3).

Responsibilities:

- Lead project to integrate two salesforce systems through IIB flow and WTX maps so that contact and related account information can be replicated between both the systems

- Extensively worked on developing single message flows to handle different formats – XML and JSON.

- Developed message flows using HTTP, Routing and Transformation for calling web service.

- Worked on stories and developed WTX/ITX maps, enhanced IIB applications and also worked on Cast irons.

- Apart from development, I used to troubleshoot connectivity and performance issues, handle defects raised by customers

- Played major role in identifying the components that can be reused.

- Apart from regular development and support work, my responsibility was to guide the team to accomplish their tasks and meet their deadlines.

Environment & Tools:

IIB (IBM Integration Bus), ESQL, SOAP API, REST API, WTX/ITX, Cast Iron, Oracle, JSON, XML, X12, EDI

American President Lines (APLL):

The scope of this project was to develop Data Integrations for APLL customers, translate that into different formats and load them to APLL internal applications and vice versa. Also, to provide support to all critical customers and analysing issues raised in the ticketing tool.

Responsibilities:

- Worked on multiple stories and developed WTX/ITX maps, integrated end to end applications using Axway,IIB ESQL codes, Trading Manager.

- Responsible for the technical design and Mapping documents of EAI projects from requirements.

- Involved in Requirement gathering, design, development and testing of the application.

- Worked on tickets raised by the customers and users and provided support related to WTX, IIB flows and connectivity issues and provided quality resolution every time.

- Worked as independent Axway cyclone resource from offshore and my responsibility was to do Axway - cyclone setups using protocols like FTP, SFTP, AS2 etc. and handling all connectivity related issues from offshore.

- There were many manual processes that I automated by developing multiple tools using C#, Selenium, python scripts and it improved productivity of the team. Also I have introduced many process related changes which helped the team to save daily efforts.

Environment & Tools:

WebSphere transformation extender (WTX / ITX), IIB (IBM Integration Bus), Trading Manager,Selenium, Unix, Axway B2Bi, C# .Net, Python

Infor Nexus:

Infor Nexus is the world's leading business network for multi-enterprise supply chain orchestration and optimization—connecting businesses to the entire supply chain for enhanced supply chain visibility, collaboration, and predictive intelligence. It runs an on-demand global supply chain management platform that is used by organizations to manage global logistics and trade processes.

Responsibilities:

- To optimize the existing WTX environment and related setups to reduce infrastructure issues and to guide the team to develop maps in optimized way.

- Worked developing maps using WTX and most of them were Minor/Major enhancements.

- I was Point of contact for any kind of EDI & WTX related issues and responsible to optimize the existing WTX environment and related setups to reduce infrastructure issues.

- There were many manual processes like creating reports, troubleshooting SOPs for which I have Developed multiple tools using windows form (C# .NET), Selenium, python scripts to improve productivity of the team.

Environment & Tools:

WTX, Axway, X12, EDI, EDIFACT, Python, Numpy, Pandas, Beautiful Soup, sklearn, Jupyter Notebook, SQL Server, C# .Net , Selenium, Salesforce

Tata Steel:

Tata Steel group is among the top global steel companies with an annual crude steel capacity of 34 million tonnes per annum. Even though it's a Steel manufacturing company, it has its own IT department that handles internal application development for raw material management, quality management, vehicle movement, develop and maintain its CRM tools etc.

Responsibilities:

- I was engaged in development of Digital Twin Concept. I worked on building predictive model using scikit learn-python and analyzing the data. Also, I worked on SAP MII implementation to display live results on UI. This UI results were displayed over a LED screen in Tubes Mills and so that employees in Mill can take immediate action if any data was going beyond the specified range to reduce QA failure of tubes.

- I was also managing a team which included 10 contract employees, and my responsibility was to assign and monitor each task they do, to prioritize tasks for them and review their progress. Critical task that was accomplished under my supervision:

  1. Development of smart warehouse in Tata Tubes division. The goal was to increases the visibility of each bundle in the plant as a result we can reduces VIVO time. I developed complex SQL procedure for this project and team members created windows service to pull live data and status of each bundles from warehouse and display over a screen built with ASP .Net.

Environment & Tools:

Python, Numpy, Pandas, sklearn, Jupyter Notebook, SQL Server, SAP MII, C# .Net

Personal Details:

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Nationality: Indian
Passport: Available, Valid till 2031
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