

DEBOJYOTI SIRCAR

Lead Solution Architect

HIGHLIGHTS

- 18+ years of extensive experience in RFP & Pre-Sales, Estimation, Requirements Gathering, Solution designing and Implementation of Teamcenter projects.
- Extensive experience in Teamcenter configuration and customization using ITK, Java, Dispatcher.
- Extensive experience in T4x related activities
- Experience in Active Workspace Configuration (up to 6.3.x) and customization (up to 5.1.x)
- Extensive experience in Teamcenter - CAD Integration (SolidWorks, NX, Cadence Allegro, Creo)
- Experience in Tc Mfg. using Easy Plan in Active Workspace & MPP in RAC.
- **Teamcenter Unified:** -

✓ TC Administration, Upgrade	✓ BMIDE
✓ AIG, T4EA, T4S	✓ Requirements Management
✓ Active Workspace	✓ PLMXML/TCXML Export Import
✓ Structure Manager	✓ Access Manager
✓ Workflow Designer	✓ TC MCAD & ECAD Integration
✓ Query Builder	✓ Dispatcher
✓ Server (ITK) and Client Customization	✓ Multisite
✓ Easy Plan, MPP	✓ Classification
✓ Change Management	✓ Report Builder
✓ Schedule Manager	✓ Data Migration
- Excellent team player with great communication and collaborative skills.

SKILL SET SNAPSHOT

PLM Products	Teamcenter
Programming Languages	C, C++, JAVA, ITK, Angular JS, JavaScript, C#
Database	Oracle, SQL Server
Operating Systems	Windows (all flavors)
Web Related	XML, JSON, SOAP, REST
Scripting Languages	TCL, Perl

PROJECT DETAILS

Project Title	ATENG – MODSSD BOI & BOP	Project Highlights	
PLM Products	TC 13.3.x, Aw 6.3.x	Implement solution for implementation of Module & SSD in Teamcenter.	
Role	Lead Solution Architect		
Client	NA		
Duration	Dec 2021 - Present		
Responsibilities:			
<ul style="list-style-type: none"> • Participate in Requirement Workshops • ECAD & MCAD implementation using Cadence Allegro & SolidWorks • Easy Plan implementation related to BOP. 			

Project Title	Teamcenter – ERP Integration using T4EA (AIG)	Project Highlights	
PLM Products	TC 12.2, AIG 20.1	Implement T4EA using REST WEB Services for transfer of Item Master, PDF Files and BOMs from Teamcenter to Microsoft Business Central ERP system for a German Aircraft manufacturer startup specializing in air taxis.	
Role	Solution Architect		
Client	Siemens Industry Solutions, Germany		
Duration	Dec 2021 - Present		
Responsibilities:			
<ul style="list-style-type: none"> • Project Planning and Estimation • Participate in Requirement Workshops • Data Mapping document and High-Level Design • T4EA Installation and Configuration • T4EA mapping scripts development using TCL and calling REST Web Services using XML Payload 			

Project Title	DCM Optimization, SAP to TC Migration, CAD Integration Optimization	Project Highlights
PLM Products	TC 12.2, AWC 4.2, SWIM 13.0.2, T4S 18.2	This project provides the following capabilities:
Role	Solution Architect	
Client	One of the largest suppliers of technology for the food processing industry and for a wide range of other process industries.	<ul style="list-style-type: none"> • Map the DCM process of sites other than Germany from Sharepoint to Teamcenter • Upload SAP materials and BOMS to Teamcenter • Generate PDF drawings and upload to SAP • Work on Multi-CAD optimization in SWIM
Duration	June 2021– Present	
<p>Responsibilities:</p> <ul style="list-style-type: none"> • Project Planning and Estimation • Participate in Requirement Workshops • Migrate existing DCM Processes managed in SharePoint to Teamcenter • T4S configuration & mapping scripts customization • Teamcenter & Dispatcher customization using SOA, ITK, Java • TC-Solidworks Integration (SWIM) optimization 		

Project Title	TC-NX Upgrade, Active Workspace & SWIM implementation, DCM process Mapping, Requirements Management	Project Highlights
PLM Products	TC 12.2, AWC 4.2, SWIM 12.2, T4S 18.2, NX 12.0.2, Solidworks 2020 SP5	This project provides the following capabilities:
Role	Solution Architect	
Client	One of the largest suppliers of technology for the food processing industry and for a wide range of other process industries.	<ul style="list-style-type: none"> • Upgrade TC from 8.3 to 12.2 • Move from NX 7.5 to 12.0.2 • Map the DCM process of Germany site from Sharepoint to Teamcenter • Implement Solidworks Integration using SWIM • Implement TC Requirements Management • Implement solutions in both RAC & Active Workspace
Duration	Feb 2019 – May 2021	

Responsibilities:

- Project Planning and Estimation
- Infrastructure planning
- Participate in Requirement Workshops
- Prepare Non prod environments for TC NX upgrade
- Perform TC & NX upgrade, including TC Code Upgrade
- Migrate Germany DCM Processes managed in SharePoint to Teamcenter
- T4S configuration & mapping scripts customization
- Active Workspace customization using Declarative framework
- Active Workspace configuration including Indexing and Visualization
- TC-Solidworks Integration (SWIM) implementation
- Training Business Users (SMEs)

Project Title	Active Workspace Implementation	Project Highlights
PLM Products	TC 11.4, AWC 3.4	
Role	Solution Architect	
Client	Large US Based CPG customer	Scope was to replicate their current packaging process in thin client in Active Workspace
Duration	June 2018– Dec 2019	

Responsibilities:

- Solution Design
- Teamcenter configuration & BMIDE configuration including AWC Search (indexing).
- AWC customization using Declarative UI (Angular JS, JSON).
- Teamcenter customization using SOA, ITK

Project Title	Active Workspace Implementation	Project Highlights
PLM Products	TC 11.2.3, AWC 3.4	
Role	Solution Architect	
Client	Large UK Based CPG customer	POC & subsequent implementation for a large UK based CPG customer by replicating the current process in RAC related to creation of concept design, packaging design management in Active Workspace
Duration	Sept 2017– June 2018	

Responsibilities:

- Project Planning and Estimation
- Participate in Requirement Workshops
- Infrastructure Planning
- High Level Solution Design
- AWC customization using Declarative UI (Angular JS, JSON).
- Active Workspace configuration including Indexing and Visualization
- Teamcenter customization using SOA, ITK, Dispatcher
- Teamcenter configuration including BMIDE

Project Title	BOM Management Solution, CAD & ERP Integration	Project Highlights
PLM Products	TC 11.2.3, T4EA	BOM Management (CADBOM, EBOM, MBOM) implementation in Teamcenter with & ERP (JD Edwards) Integration
Role	Solution Architect	
Client	Large US Based Medical Devices manufacturer	
Duration	Sept 2016 – Aug 2017	
Responsibilities:		
<ul style="list-style-type: none"> • Requirement Analysis & Solution Design • Teamcenter configuration, customization, BMIDE. • Teamcenter Creo Integration (IPEM) and Solidworks Integration (SWIM) • Teamcenter Classification hierarchy definition & administration • Teamcenter BOM Management using Structure Manager, Multi-Structure Manager • Creation of Plant specific MBOMs from EBOMs. • ERP Integration with T4EA using SOAP Webservices 		

Project Title	Phase 1 Implementation	Project Highlights
PLM Products	TC 10.1, T4S	Green Field Teamcenter Implementation
Role	Technical Lead	
Client	One of the largest manufacturers of rearview mirrors for passenger cars in the world	
Duration	July 2015 – July 2016	
Responsibilities:		
<ul style="list-style-type: none"> • Requirement Analysis & Solution Design • Teamcenter configuration, customization, BMIDE. • Teamcenter NX Integration. • Teamcenter BOM Management solution (CADBOM, EBOM, MBOM, BOP) using Structure Manager, Multi-Structure Manager, MPP. • Teamcenter Multisite configuration • Teamcenter Workflows & Change Management solution implementation. • Teamcenter Security solution design using Access Manager • Teamcenter Schedule Manager configuration & customization • Teamcenter configuration & customization • T4S configuration and customization 		

Project Title	Bid Management System	Project Highlights
PLM Products	TC 10.1	Develop the Bid Management system for the customer
Role	Technical Lead	
Client	Large Oil & Gas provider	
Duration	Oct 2014 – June 2015	
Responsibilities:		
<ul style="list-style-type: none"> • Custom SOA services development. • Customization (Client/Server) for different modules. • BMIDE configuration & customization. • Dispatcher customization. • Teamcenter Reports (Report Builder) development • Teamcenter Schedule Manager configuration 		

Project Title	PLM 2015	Project Highlights
PLM Products	TC 10.1, T4S	Migrate the existing CATIA data from SMARAGD to TCUA and conversion of the CATIA data to NX
Role	Technical Lead	
Client	Large German Automobile company	
Duration	Jan 2014 – Sept 2014	
Responsibilities:		
<ul style="list-style-type: none"> • Solution Design for CATIA data import to Teamcenter • CATIA & NX integration with Teamcenter configuration & customization • Teamcenter Workflows design & development • Teamcenter customization using custom SOA 		

Project Title	EPIM Dev, Upgrade, L2 & L3 Support	Project Highlights
PLM Products	TC 9.1	Involved in upgrade, enhancements, bug fixing, production support for a global software giant for their Entertainment devices
Role	Senior Developer/ Technical Lead	
Client	US based software giant	
Duration	Oct 2012 – Dec 2013 Feb 2009 – Dec 2009	
Responsibilities:		
<ul style="list-style-type: none"> • Upgrade from TCUA 2007 to 9.1 • Enhancement & Bug fixes • Customization (Client/Server) for different modules. • BMIDE configuration & customization. • Dispatcher customization. • Teamcenter Reports (Report Builder) development • Teamcenter Classification administration • Production L3, L2 Support 		

Project Title	PLM Project 1	Project Highlights
PLM Products	TC 8.3	Greenfield Teamcenter implementation.
Role	Senior Developer	
Client	UK based company manufacturing vacuum cleaners, hand driers, bladeless fans, heaters etc.	
Duration	Jan 2010 – Sept 2012	
Responsibilities:		
<ul style="list-style-type: none"> • Do solution design study for different business requirements. • Customization (Client/Server) for different modules. • BMIDE configuration & customization. • Creating and maintaining source code repository (SVN). • Prepare and execute deployment of releases. • Migration utilities and supporting the Data Migration Team. • Teamcenter Classification Administration. • Teamcenter Workflows & Change Management implementation • Teamcenter Manufacturing (MPP) solution development • Teamcenter Multisite configuration 		

Project Title	Teamcenter Implementation Project	Project Highlights
PLM Products	TCUA 2007	Involved in upgrade, enhancements, bug fixing, production support for a global software giant for their Entertainment devices
Role	Technical Lead	
Client	US based software giant	
Duration	Feb 2009 – Dec 2009	
Responsibilities:		
<ul style="list-style-type: none"> • Enhancement & Bug fixes • Customization (Client/Server) for different modules. • Manage deployment activities • Production L2 Support 		

Project Title	Teamcenter Developer, Tester	Project Highlights
PLM Products	TCUA 2007	Involved in upgrade, enhancements, bug fixing, production support for a global software giant for their Entertainment devices
Role	Developer, Tester	
Client	Siemens PLM, Internal POC	
Duration	July 2008 – Dec 2008	

Responsibilities:

- Siemens PD Testing Team
- Customization (Client/Server) for different modules.

Project Title	Teamcenter Developer, System Admin	Project Highlights
PLM Products	TcEng V9	
Role	Developer, Support	
Client	US based company in semiconductor industry	
Duration	Aug 2006 – Jun 2008	

Responsibilities:

- Manage deployment activities in PROD & non-PROD environments
- Perl Scripting, Unix Shell Scripting
- Enhancements & bug fixes. Customization Server Side (ITK) & Client side using Java.

QUALIFICATION

B. Tech in Electronics & Communication from West Bengal University of Technology

Examination	University / Board	% Marks /CGPA	Year of Passing
B. Tech	West Bengal University of Technology	7.68	2005

TOTAL ORGANIZATIONAL EXPERIENCE

SL NO.	NAME OF THE COMPANY	FROM (MM/YYYY)	TO (MM/YYYY)
1	Micron	03/2024	Till Date
2	Intelizign	06/2021	03/2024
3	Birlasoft Solutions GmbH	01/2019	05/2021
4	Infosys	07/2016	01/2019
5	Wipro	07/2015	07/2016
6	Accenture	02/2009	07/2015
7	Geometric	06/2008	01/2009
8	Satyam Computer Services Ltd.	05/2006	06/2008

CONTACT DETAILS

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