



## TEK011309 (PLM - Teamcenter - 6 + Year)

 BTech

### Highlights

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- **6+ years** of extensive experience in PLM.
- Extensive experience in analysis, design, development, customizations and implementation of Teamcenter applications. Currently working on TC 14.3.
- Experienced in Teamcenter customization including server side, client-side and BMIDE configuration.
- Possess good knowledge of ITK, RAC, SOA and TC Services.
- Worked on different modules of Teamcenter – My Teamcenter, Organization, Structure Manager, Query Builder, Access Manager, Classification, Classification Admin, Projects, Workflow Viewer and Workflow Designer, Manufacturing Process Planner, Service Planner, Supplier Collaboration, Integrated Material Management.
- REST APIs to update and get from Teamcenter.
- Package creation and testing of deployment center package through deployment center.
- As a git administrator, responsible for monitoring the changes, resolving merge conflicts and creation of release tags etc.
- Basics of Catia, Solid-works, Or-cad Cadence, T4EA and T4S Integrations
- Trained in and used Agile/Scrum methodologies.
- Worked in PLM projects for Customers like Wartsila, Electrolux AB, Micron, Mercury Marine, Illumina, Arcelik, FORD, ENGEL.
- Part of Infrastructure setup
- Excellent Team player, good communication skills, interpersonal skills, self-motivated and quick learner.

### Skills

#### Primary Skills

- PLM Teamcenter

#### Secondary Skills

- AWC
- BMIDE

#### Other Skills

<b>PLM Products</b>	Teamcenter
<b>Programming Languages</b>	C, C++, Java, SQL
<b>Database</b>	Oracle, MS SQL Server
<b>Operating Systems</b>	Windows (all flavors)
<b>Web Related</b>	XML, HTML, JSON

## Projects

### TC14 Upgrade (10 months)

#### Responsibilities:

- Setting up the Integration environment Similar to Production prepare silent XML for rich client installation for End users
- Configuring Dispatcher debugging for the issues.
- Installation Volumes, server manager ,Webtier , AIG ,Indexer and FSC Cache servers in different machines in TC12 and upgrading them to TC14.
- Smoke Testing on T4S,T4EA
- Upgrade T4S,T4EA Mapping files,webdv configuration to see Material Master and EA data in AWC.
- Setting Up the Production system and prepare silent XML for rich client installation for End users.
- Data model changes and setting up new dispatcher job for the neoapps integration.
- Extension to update mass calculations values on Design Revisions.
- Setting up Git structure and administering changes coming into git.

### Spinnaker (20 months)

#### Responsibilities:

- Data model changes like Business objects creation, Batch and Dynamic LOVs, Extensions, Workflow Filter Conditions, Multifield key Changes etc. and Detailed Documentation for them.
- Deprecated API removal in server-side customizations and optimizing the existing codes.
- Enhancements to the existing SOA Services.
- Enhancements to the existing RAC Customizations.
- Updates to the existing handlers and exes based on bugs and new enhancements.
- Written post actions and preconditions based on requirements.
- Introduction of draft status and workflow, handler implementations for Draft status.
- Configuring Integrated Material management through preferences like adding properties to IMM search criteria etc.
- Creating parts, variants through orcad cadence and testing end to end. Configuring orcad to integrate with different environments.
- Basics of supplier collaboration and catia customisation.performed testing through catia and supplier collaboration.
- Delivering the implemented solutions via sprints to the customer

### ENTBOM (14 months)

#### Responsibilities:

- Understanding Business requirements from the business users and code changes according to their business needs.
- Participation in Daily scrum to give updates, Collaboration meetings for design discussions and process improvements.
- Codeful and codeless customization using BMIDE

- As a Sandbox coordinator, responsible for deployments in different environments.
- Creation of change log & Deployment center package for every release cycle and testing of deployment center package through deployment center.
- As a git administrator, responsible for monitoring the changes, resolving merge conflicts and creation of release tags etc.
- ITK standalone utilities to generate Bom report and attribute report.
- Handler to create Bom systematically at different life cycles states.
- Handler to delete the parts and boms which are created with incorrect data.
- Demo to the team about each customization developed in the sprint.
- End to End Testing of products like DRAM, NAND, MODULES, SSD etc.

## **Service Plans For EGC (34 months)**

### **Responsibilities:**

- Creation of custom business objects, Deep copy rules, GRM Rules, Icons, Property Rendering Definition, List of values.
- Creation of Characteristics definition objects like Date, Name etc. and post action to attach it in a neutral characteristic relation.
- Displaying custom frequency options like running hours, Hours etc.
- SOA customization to validate Service-Planner Structure.
- Deployment in different environments like Quality, Test
- Server-side customization like post action to create name of Service Plan with different combinations.
- Configuring and testing workflows.

## **PLM Renaissance**

### **Responsibilities:**

- Creation of custom business objects, Deep copy rule, GRM Rule, List of values.
- Getting the tasks in User Inbox through SOA and Process the Target Documents to get the data required and completing the task in the User Inbox.
- Implementation to call the Post API of Snap logic to send the data.
- Implemented code to Upload the document into AWS S3 bucket.
- Implemented Code to create XML file and fill the xml with document information
- Server-side customization like post action to create 2 forms and attaching to document with a relation
- Configuring and testing workflows.
- Implementation of Rest Post API to Update the Values in Teamcenter and to complete the Workflow task in User Inbox.
- Stylesheet Configuration using Dynamic compound properties to show item revision related objects at item level.
- Testing All complex workflows through active workspace

## **DLC Spare Part Management**

### **Responsibilities:**

- SQL Queries to fetch teamcenter structure data.
- Rest API implementation through Play Framework.
- Service lifecycle management test data creation according to client needs
- Existed Query and API modifications
- Camstar manufacturing installation
- Administering camstar configuration using management studio

- Representation of factory model using instances in camstar portal
- Introduction of custom business objects using designer
- T4EA Installation in different environments
- Configuration of T4EA with TC environment
- Implementation of standalone scripts to move workflow tasks

## **BOM Configuration**

### **Responsibilities:**

- Deprecated API removal in server customizations
- ITK utility to generate Line Balancing Report
- RAC command to create Collaboration context
- Workflow configuration and Testing
- RAC SOA
- Handler to generate Report on Accountability Check.
- Handler to Generate Station HTML Report.

## **TC Core**

### **Activities carried out:**

- ITK utility to check pending tasks with Particular User.
- Created Business Objects, Batch and Classic Lvs, GRM Rules, Deep Copy Rules etc.
- SOA based Java applications to download named refs, create VVI and VFZ files etc.
- ITK Utility to create Parts and Upload Named Ref to Datasets.
- Added Operations to Existing SOA and implementation.