TEK012971 (PLM - Teamcenter - 4 + Year)

📘 Bachelor of Engineering

Highlights

- Experienced, Dynamic and Detail-Oriented Teamcenter Consultant with good experience in configuring, implementing, and administering PLM solutions.
- Proficient in Teamcenter Administration, Teamcenter SAP Integration (T4S), data model configuration using BMIDE, BOM Integration using Manufacturing process Planner and Solution Implementation with a proven ability to optimize workflows and improve business processes
- With extensive experience in PLM processes, Passionate about learning and driven by a creative, self-motivated approach.
- Committed to enhancing Teamcenter through effective configuration, implementation, integration, administration and consultation.

Skills

Primary Skills

- Admin Team center
- BMIDE
- BOM Management
- Integration

Secondary Skills

- Configuration
- ITK
- Support
- Upgrade

Other Skills

- Teamcenter and Active Workspace Administration and Configuration.
- BMIDE Data Model Configuration.
- MPP (Manufacturing Process Planner) and Change Management.
- Requirement Gathering and Cross - Functional Collaborations.
- PLM - ERP Integration , T4S Integration.
- PLM - CAD Integration.
- Mendix and SAP ERP.

Projects

Project - 1 (10 months)

Role : Teamcenter Consultant

Responsibilities :

- Actively participated in cross-functional meetings for requirements gathering across teams during the Bill of Materials (BOM) and Teamcenter for SAP (T4S) Integration and Administration project.
- Collaborated with the Vehicle Integration (VI) team to receive Engineering BOM (EBOM) data, leveraging Manufacturing Process Planner to create Manufacturing BOMs (MBOMs) and transferring them seamlessly to SAP via T4S.
- Coordinated integration efforts across EBOM, MBOM, and SAP BOM systems, ensuring seamless data flow and resolving integration errors during the process.
- Automated the ECO (Engineering change object) process for parts across multiple BOMs based on change requests, to update and push changes to SAP while ensuring accuracy and error resolution.
- Monitored automated processes for error detection, promptly resolving issues to maintain uninterrupted workflow.
- This involved implementing automated procedures for updating and pushing changes to SAP, while actively monitoring the process for errors and promptly resolving any issues encountered.

Project - 2 (7 months)

Role : Teamcenter Consultant

Responsibilities :

- Improvement, Management and supporting users across critical business processes including engineering flow for Drawing maturity release and memo release, failure management systems in TC- NX integrated environment.
- Responsibilities encompass troubleshooting, resolving technical issues, and providing guidance for seamless process execution inline with organizational goals.
- Engaged in daily operations within a multi-site environment, demonstrating proficiency in utilizing various modules of Teamcenter such as My Teamcenter, Workview Viewer, Workflow Designer, Organization, Projects   and   Structure Manager.
- In addition to my core competencies, Also possess moderate to Advanced level of proficiency in utilizing Query Builder, Access Manager, Preferences, Utilities, Change Management, Report Builder, TC XML/PLM XML Export Import Administration and.
- Also have Depth knowledge of Teamcenter Architecture.
- Updated the Geolus Database on Bi-Weekily Basis for Shape Search Feature in Multi-Site Environment

Project - 3 (7 months)

Role : Teamcenter Consultant

Responsibilities :

- In the Teamcenter implementation project, my focus was on configuring the data model within the Business Modeler Integrated Development Environment (BMIDE). This encompassed several key tasks:
- Creation of Custom Objects and Properties and Implementation of Intelligent Part Numbering Systems also Defining the Cascading and Interdependent Lists of Values (LOVs) for ID Generation Rule including Defining the Conditions.
- Customization of Stylesheets, Workflow Designing and Enforcement of Business Logic Rules.
- My contributions in configuring the data model played a crucial role in the successful implementation of Teamcenter, enabling efficient data management and process automation in line with project objectives

Project - 4 (4 months)

Role : System Engineer - PLM Teamcenter

Responsibilities :

- Administration of Teamcenter , including Organization , Projects , Access Manager , Query Builder , Structure Manager , Process management.(Workflow Designer and Workflow Viewer).
- Creation of business objects such as Items, datasets, forms, folders etc.
- In Organization , Creation and Modification of Structure and Authorization.
- In Projects, Manage privileged and non privileged members. Query Builder is used for creation of custom query & Configured Structure manager as per client requirement.
- Using workflow Designer, created the different workflow templates with suitable Action and Rule
- Handler on Task as per the business needs.
- Structure manager - Created new Revision Rules, Substitute, Global Alternate, Precise, Imprecise , Pack and Unpack.
- Used BMIDE to create custom objects (Item types, Dataset types) and configured different BMIDE properties and Rules.
- Created Custom Teamcenter Business Objects and attached LOV's to different Properties of BMIDE.

Project - 5 (30 months)

Role : Teamcenter Admin

Responsibilities :

- Learnings of Installation of Teamcenter 11, Database, and Java: For installing and configuring Teamcenter 11 software, database systems, and Java runtime environment to ensure smooth deployment.
- Understanding of Teamcenter Architecture and Implementation : In-depth exploration of Teamcenter architecture, including server components , data storage structures and integration points.
- In-Depth knowledge in Teamcenter Implementation, Installation, upgrade and Patch.
- Teamcenter Administration and Support : Training on user roles, permissions, and access control within
- Teamcenter, as well as administrative tasks such as user management and system configuration.
- Active Workspace Configuration : Guidance on configuring and optimizing the Active Workspace interface, including layout customization, search configurations, and role-based dashboards to enhance user productivity and usability.
- Introduction to Integrated Toolkit Customization: Customizing Teamcenter functionalities using the
- Integrated Toolkit (ITK).
- Basics of Client-Side Customization : Introduction to client-side customization techniques for Teamcenter clients such as Stylesheet Customization.
- Conducting user training sessions to introduce Teamcenter, focusing on fundamental concepts such as item, revisions, datasets, and relations.

Awards

Certification :

- Teamcenter / TeamcenterX Certified Associate