



TEK010592 (PLM - Teamcenter - 4 + Year)

■ MTech

Highlights

- Critical thinking, analytical, and meticulous engineer with having experience as a Custom Software Engineering analyst in Teamcenter & in mechanical design
- Having Hands-On experiences on Different Teamcenter Modules, BMIDE, ITK Customization, AWC.
- Trained and worked on different Teamcenter modules like Product configurator, Change management, structure manger, workflow designer, access manager, Query builder, organization and have knowledge of BMIDE and ITK customization
- Knowledge on Server-side customization (ITK), Batch Utilities, Pre-Condition, Post-Action, Action Handler, Rule Handlers, Extensions.
- Hands on experience in BMIDE code less customization like creation of Rules and LOV's.
- Having good knowledge of Teamcenter FMS.
- Knowledge of Teamcenter Architecture (2T & 4T).
- Knowledge of dispatcher
- Given online/offline Teamcenter training to new users.
- Requirement Analysis: Understanding the requirement specification from Client.
- Writing Test Cases, maintaining Test Scripts and analyzing the bugs.
- Knowledge of SDLC, Bug life cycle, RTM and agile methodology.
- Worked on VDI of Amazon Workspace services and Citrix Receiver.
- Good knowledge of SQL.
- Good knowledge about Confluences and JIRA applications.

Skills

Primary Skills

- Admin Team center
- AWC
- BMIDE

Secondary Skills

- CAD Management
- Configuration
- ITK

Other Skills

- Teamcenter (10.x,11.x,13.x)
- TC Admin Modules (Product configurator, Change management, Structure manager, My Teamcenter, Organization, Project, Workflow Design, Query Builder, TC Visualization, Access Manager and Authorization.)
- BMIDE(Code-less Customization)
- Basic ITK Customization
- Teamcenter installation
- Active Workspace Installation & Configuration
- Performed deployments using deployment center.
- Siemens teamcenter P2+
- Basic of java P2

Projects

Project - 1 - Manufacturing Industry (10 months)

Title : Teamcenter Admin, Teamcenter Support

Responsibilities :

- Created Organization Structure, Demonstrated competence in handling tasks related to authorization, Command Suppression and access management within the Teamcenter environment.
- Utilized BMIDE to design custom objects including item types and dataset types and implemented various BMIDE rules such as Naming Rules, Deep Copy Rules, Display Rule and GRM Rules.
- Creation of LOV's for different custom properties as per the project's requirement.
- Worked on BMIDE for custom template deployment.
- Performed cold deployments also having knowledge of hot deployment.
- Designed customized workflow templates using the Workflow Designer to align with specific project requirements.
- Customized Structure Manager to align with client specifications.
- Utilized a Product Configurator to author variant rules, facilitating the creation of variant configuration rules.
- Additionally, configured inclusion and exclusion rules to enhance the system's ability to refine and manage product variations effectively
- Formulated ACL (access control list) tailored to customer specification, ensuring secure management of private data in alignment with project requirements.
- Proficient in utilizing Query Builder for crafting customized queries.
- Created classification hierarchy in teamcenter to align with client specifications.
- Teamcenter installation for client's new user and Teamcenter training to end users.
- Resolved end user's issues related to Teamcenter.
- Teamcenter integration with CAD tools - NX.
- Teamcenter integration with Cero.
- Performed deployments using deployment center

Project - 2 - Manufacturing Industry (7 months)

Title : Teamcenter Administration and Development

Responsibilities :

- Created Organization Structure, Used Command Suppression, Authorization and Access Manager to achieve different requirements and conditions given by client.
- Configured Workflow Designer using Process Templates, Action handlers and Rule handlers.
- Created custom object types using BMIDE (Item types, Form types, Dataset types) and configured different BMIDE Rules (Naming Rule, Deep Copy Rule, GRM Rule, Extension Rule etc.).
- Configured Structure Manager which includes creation of Assembly, Creation and Configuration of Revision Rules, Application of Global alternates, effectivity and Variant.
- Created complete organizational structure and gave access as per requirement.
- Update existing template as per requirement.
- Created duplicate test environment from development environment.
- Manage and update the workflow template as per the business requirement.
- Installation of teamcenter client user machine and troubleshooting.
- Install and configure dispatcher translator.
- Configure Change management related data model workflow process.

Project - 3 - Manufacturing Industry (24 months)

Role : Application Engineer

Responsibilities

- Completed extensive training on Teamcenter Application Modules and Teamcenter data model.
- PLM Basics, Fundamentals and 2 tier & 4 tier Teamcenter installation.
- Gained in-depth knowledge and proficiency in various Teamcenter modules like Business Modeler IDE, Organization, Access Manager, Command Suppression, Authorization, Structure Manager, Workflow designer, workflow viewer, query builder and Product configurator.
- Acquired proficiency by training in Data Model customization using BMIDE, specifically in managing LOV, Properties, and Rules, showcasing an understanding of key PLM customization & also trained to creating custom items, properties, LOV's and Rules in BMIDE.
- Training on integration with CAD tool like NX

Project - 4 - Manufacturing Industry (3 months)

Title : Teamcenter Administration and Development

Description :

- PLM Basics, Fundamentals and Teamcenter installation.
- Modifying data models using BMIDE (LOVs, Properties, and Rules).
- Server-side customization (ITK customization, Handlers, Extensions).
- Integration with CAD tools - NX.
- TC modules like Organization, Authorization, Structure manager, Workflow Designer, Classification Admin, Access Manager, Query Builder and Command Suppression.

Project - 5 - Manufacturing Industry (4 months)

Title : Teamcenter Customization

Description :

- Trained on Teamcenter Application Modules and Teamcenter data model.
- Trained on Data Model customization using BMIDE.
- Understanding the customer requirement for Teamcenter implementation.
- Created custom items, properties, LOV's and Rules in BMIDE and their deployment.
- Also done work on style-sheet modification.
- Got training on creating Utilities and Handlers using ITK.
- Training on NX integration with Teamcenter

Awards

- Cloud foundation School AWS
- Completed Stream training and assessment in JAVA
- Battery management system for electric vehicle
- Internet of things
- Basics of CAD