

**TEK01144 (PLM - Teamcenter - 7 + Year)**

■ Bachelor of Engineering

Highlights

- Mechanical Engineer with experience in Mechanical and CAD-PLM domain.
- Seeking a position in Teamcenter PLM domain to use and apply the technical skill for self and organizational growth.
- Having expertise on PLM tools Teamcenter, Aras, Enovia and Oracle as a end user.
- Administration & Application: - BMIDE Data module Configuration. LOV, Rule, Property. Structure Manager, Query Builder, Report Builder, Access manager, Workflow Designer, Workflow Viewer, Organization, PLMXML/TC XML Import, Export, Project manager Hand on of 2- Tier and 4- Tier Architecture and FMS.
- Teamcenter Database Administration, (2 Tier/4 Tier) Installation, AWC installation, Configuration and Support.
- Teamcenter Integration: - CATIA V5, Solid Edge, NX and Attributes mappings.
- Good Hands-on experience on Teamcenter installation with Deployment center.
- Cold Deployment & Hot Deployment.
- Batch utility, Pre condition, Post action, Rule handler and Action handler
- Knowledge of AWC Configuration.
- Experience in Administrating Teamcenter Environment

Skills**Primary Skills**

- Admin Team center
- AWC
- CAD Management

Secondary Skills

- Configuration
- Development

Other Skills

- Welding fixture & manipulators
- Casting, Reverse engineering
- Project Lifecycle Management (ECR, ECO, ECN, MBOM and EBOM management & workflow)
- Global level stakeholder management

Software Skills :

Projects

- CAD- Creo7.0, Solidedge, Solidworks, Siemens NX, AutoCAD
- PLM- Siemens Teamcenter PLM (Admin & AWC)

Project PLM

- Oracle PLM

Enovia PLM

- Software development

AWC Administration and Configuration

- Mendix 10.0 Rapid developer

- HTML (basic)

Responsibilities

Core Competencies

- Tier Rich client installation :
- SDLC
- Installation of Java.
- CI/CD pipeline
- System Setup
- Project Lifecycle Management in & out
- Installation and configuration of database server (MSSQL).
- Installation and configuration of database server (MSSQL).
- Installation of Pool Manager.
- Use Over the Web installer to load ICDs.
- Installation of Web Tier
- Launching Rich client.
- New Product design and development
- Risk assessment and mitigation plan
- DFMEA, DFM, DFX, Tolerance stack up and GD&T
- Installation and configuration of database server (MSSQL).
- Installation of Pool Manager.
- Use Over the Web installer to load ICDs.
- Installation of Web Tier
- Launching Rich client.

4 Tier and Rich client installation :

- Risk assessment and mitigation plan
- DFMEA, DFM, DFX, Tolerance stack up and GD&T
- Installation and configuration of database server (MSSQL).
- Installation of Pool Manager.
- Use Over the Web installer to load ICDs.
- Installation of Web Tier
- Launching Rich client.

AWC Installation :

- Ensuring pre-requisites like Teamcenter version, Middle Tier Deployment, and Compatible version of SOLR.
- Installation AWC Server and AWC client.
- Installation of SOLR, JDK.
- Schema merging, database triggers, index synchronization with deployment of war file.

AWC Administration (with AWC Configuration) :

- Ensuring pre-requisites like Teamcenter version.
- Active Admin
- Active Architect
- Preferences Management
- AWC Configuration to show the BMIDE result in AWC.
- XRT stylesheet configuration.
- Tile configuration.
- AWC UI and theme configuration.
- AWC Hosting.

Project - 2

Role and Responsibilities :

- Creation of Organization Structure, Created Custom Queries, Authorization and Access
- Manager to achieve different requirements.
- Created Workflow as per the organization requirements and process.

- Design Data models using BMIDE (Business Objects, properties, LOVs, Rules).
- Making code full and codeless changes using BMIDE.
- Integrate Teamcenter with NX and Solid works.
- Integration of MSOffice to Teamcenter.
- Initiating Daily Backup

Project - 3 (25 months)

Role : Production Engineer

Responsibilities :

- Efficiently working on NPD gate development, plus buy out Products.
- Extensively working on DFMEA, DFX, catalogues, installation instruction
- Collaborated with cross-functional teams to resolve design issues and optimize product performance
- Working on hazardous and industrial electrical products, participating in different testing, being a part of certification document.
- Working on reverse engineering products.
- Working on tolerance stack up during concept modification or design change.
- Having good exposure of ATEX/IECEX Ex, IEC, NEC testing.
- Building prototype for testing
- Good knowledge of electronics part of electromechanical fixtures, like wiring connections physically and wiring diagrams.
- Project in-charge of 3D data restructuring, management and integration.

Project - 4 (21 months)

Role : Project Co - Ordinator / Design Engineer

Responsibilities :

- Coordinated project at every stage right from concept development, DAP, execution to delivery.
- Created 3D models of parts/assemblies and detailing with GD&T, involved in designing of fixture.
- Worked on different automobile component welding fixture like chassis, muffler, silencer.
- Involved design and development of manipulators and gauges.
- Excellent communication and interpersonal skills
- Project management skills, including the ability to prioritize tasks and meet deadlines

Project - 5 (36 months)

Role : Senior Design Engineer

Responsibilities :

- Worked on different on highway and off highway vehicle Parts like axle and trunnion.
- Performed different activities in Enovia PLM for product data management (PDM).
- Conducted EBOM and MBOM management.
- Worked on ECR and ECO management.
- Successfully achieved tolerance stack up calculations and requirement gathering from counterpart, during interchanging of component of new product development.
- Global stakeholder management

Project - 6 (8 months)

Role : CAD Engineer

Responsibilities :

- Created 3D models of parts/assemblies and detailing with GD&T.
- Created sheet metal and casting parts.
- Successful discussion with stakeholders. Necessity gathering

Project - 7

Role and Responsibilities :

- Employee leave management and super market
- Developing web application in low code no code -Mendix
- Using story writing, domain model, data base structure and design
- Implementing association, layouts, nested data, Microflow, Nanoflow
- Using validations and security of app
- Working on entity, widgets, connectors, implementation of widgets marketplace
- Working collaboratively in a creative Agile environment
- Having good understanding of xpath
- Knowledge of Exporting and Importing of data
- Knowledge of deploying applications
- Having exposure of design Mendix REST API to perform data transfer with internal and external applications on the Mendix platform
- Having basic knowledge of HTML.
- Having understanding of CI/CD pipeline
- Having experience in integrating Mendix with Teamcenter using Teamcenter connector

Awards

- PTC Creo Certification
- Siemens NX Certification
- Mendix Rapid Developer Certification