



TEK0982 (PTC - Windchill - 12 yrs)

■ Bachelor of Engineering - Computer Science

Highlights

I have about 12+ years of experience in Windchill and ENOVIA PLM. I worked with several leading clients of different industry including Aerospace, Health Care, Home Appliances, Lifesciences, and discrete manufacturing. My forte is customization development, enhancements, Installation, upgrade, Integrations, and Migrations in Windchill and ENOVIA PLM projects.

Skills

Primary Skills

- BOM Management
- CAD Management
- Change Management
- Configuration Management
- Options & Variants
- Windchill Business Admin
- Windchill Customization
- Windchill ERP Integration
- Windchill Migration
- Windchill Upgrade

Secondary Skills

- Performance Tuning
- Windchill DBA
- Windchill Support
- Windchill Testing
- Windchill ThingWorx

Other Skills

- **Operating System** Windows 10, Linux, Windows Server 2012/2016
- **Programming Languages & Tools** Windchill PDMLink, Project Link, Parts Link, SUMA, Java, J2EE, SQL, SOAP Webservice, JPO, TCL, MQL, ENOVIA 3DEXPERIENCE and AWS Cloud
- **Databases & Tools** Eclipse, MS Access, Oracle 10/11g, SQL Server 2012/2016, CREO 6.0/7.0 & SolidWorks 2017-2020
- **Web Technologies** HTML, JavaScript, XML, Servlets, JSP & JDBC

Projects

PROJECT1: Data Migration and Development - Manufacturing Industry (60 months)

Location Saint Paul, USA & Canada

Operating Systems Windows 10 & Windows Server 2012

Programming Languages/Tools Windchill PDMLink 11.0/11.2, CERO 6.0, SolidWorks, ENOVIA 3DEXPERIENCE, MQL, TCL, JSP, JAVA, SOAP, Oracle/SQL, JDBC, Eclipse & AWS Cloud

PROJECT DESCRIPTION:

Client decided to migrate the data from various home ground applications to customized ENOVIA PLM 2017X. Data Migration (from Legacy to ENOVIA PLM) and Production support. Windchill PDMLink system and business admin activities which includes the installation, configuration, customization development, application upgrade of Windchill and configure CAD applications. Windchill PDMLink Promotion Request and UI customization, Implementation, configuration, and enhancements. Develop the data extractors and extract the Bill of Materials, CMR, ECR/ECO and CAD Documents from ENOVIA to support divestiture.

• **ROLES AND RESPONSIBILITIES**

- Collaborate with business and technical analysts during requirements gathering, analysis and implementation of business solutions for Global ENOVIA PLM application. Consulting migration process and migration strategy from home ground applications to ENOVIA PLM.
- Working as a data migration lead and perform the requirement analysis, design, development of ETL Migration accelerator to migrate the data from various applications to ENOVIA PLM. Coordinate with business users and Offshore team to pass the data migration requirements and execute the migration from Onsite.
- Developed the custom data extractor tool to extract the Bill of Materials, CMR, ECR/ECO and CAD documents from ENOVIA PLM to support divestiture.
- Involve in UI and server-side customization development on ENOVIA PLM 2017x.
- Responsible for the document migrations from various applications to ENOVIA PLM.
- Participate in user meetings, demo sessions to progressively assess data migrations for various divisions in ENOVIA 17x.
- Develop the custom solution to perform the data cleansing of existing data and report generation from ENOVIA.
- Working as a System Administrator which includes installation, rehost and upgrade Windchill PDMLink.
- Responsible for enhancing, maintaining parts and associated drawings functionalities in Windchill PDMLink.
- Implemented production upgrade in Windchill 11.0 and 11.2
- Production support and maintenance activities in Windchill PDMLink.
- Code, design and develop UI using Windchill API's in Windchill PLM application.
- Work on the production support tickets in Windchill PDMLink, CREO, and Solidworks Integration. Enhanced the existing customized solutions for Promotion Request approval and review workflows in Windchill PDMLink as per the given requirement.
- Perform rehosting and convert the customizations using the Windchill 11.0 and 11.2 API's and upgrade the data and custom configured vaults. Provided the "Go-Live" support for Windchill PDMLink Upgrade process.
- Responsible for preparing the functional specification, design specification, prototyping, code development, deployment, use cases and user training document, for Windchill 11.0 and 11.2 PLM system.

PROJECT2: Data Migration and Integration - Manufacturing Industry (13 months)

Location Michigan, USA

Operating Systems Linux

Programming Languages/Tools Java, J2EE, SQL, XML, Webservice & Windchill PDMLink 10.2

PROJECT DESCRIPTION:

In this Integration program many business functions and IT systems are being integrated and migrated into common platforms for effective collaboration and management. Client has decided to integrate the business process and perform the migration of the PLM Systems from legacy to current systems. Legacy PLM (ENOVIA), CAD (Solid Edge) environment will be migrated to Windchill PLM and CAD (CREO) platform respectively.

ROLES AND RESPONSIBILITIES

- Coordinated with offshore team to pass on the requirements to work on the development and testing activities.
- Worked with Product Owners on requirement gathering and defining a solution for integration and migration.
- Consulting migration process and migration strategy from legacy applications to Windchill PLM.

- Defining object mapping of different data structures of the source and target systems.
- Designed the utilities for transforming the data and developed Windchill data loaders (Parts, Documents, Bill of Materials, Distribution Targets, Classifications) to load the data into Windchill.
- Involved in data migration from ENOVIA to Windchill.
- Support on the integration activities from ENOVIA to Windchill.
- Involved in code review and ensured the deliverables and Go-Live support activities.
- Worked as a solution architect and prepared the design documents, conducted impact analysis of requirements.

PROJECT3: Electronics Implementation in Windchill - Manufacturing Industry (8 months)

Location Michigan, USA

Operating Systems Linux, Windows Server 2012

Programming Languages/Tools Java, J2EE, SQL, XML, Web Service & Windchill PDMLink 10.2

PROJECT DESCRIPTION:

Electronics solution implementation for the identified requirements during discovery from ENOVIA and other legacy systems.

ROLES AND RESPONSIBILITIES:

- Developed and deployed webservice to integrate ERP with Windchill.
- Coordinated with Product Owners for understanding the existing systems for systems integration and passed the requirement to development team.
- Implemented a customization to create and update the manufacturers in Windchill SUMA.
- Data Migration from shared vault data to Windchill using custom loaders.
- Data Migration from ERP to Windchill SUMA using custom loaders.
- Developed a custom loader and involved in the migration of ENOVIA to Windchill.
- Designed and Implemented the customizations and configuration on Windchill packages.
- Performed rehosting and rehearsal upgrades on development environment from Windchill 10.0 to 10.2
- Involved in code reviews and implemented best practices and developed a custom workflow for supplier package release.
- Implemented a workflow customization to auto approval of AML and to support the User acceptance testing (UAT).
- Prepared the Training Material, Test cases and storyboard on the defined requirements.

PROJECT4: Electronics Discovery - Electronic Industry (3 months)

Location Fabriano, Italy and Chennai, India

Operating Systems Linux

Programming Languages/Tools Java, J2EE, SQL, XML, Webservice & Windchill PDMLink 10.2

PROJECT DESCRIPTION Electronics discovery on the existing process and define the Best of Best (BOB) solution. Convert the requirements into low level requirements and prepare a proof of concept.

ROLES AND RESPONSIBILITIES:

- Involved in electronics discovery in ENOVIA and the legacy applications.
- Prepared business process flow and documented the discovery data and defined the best of best solution

approach for the requirements.

- Gathered and analyzed the business requirements and designed the solution approach.
- Prepared high and low-level design for the business requirements.
- Designed the solution for data migration and prepared the detailed design document.
- Involved in POC and solution demonstration to the customers.

PROJECT5: Windchill Upgrade and PDMLink Support - Manufacturing Industry (8 months)

Location Centurion, South Africa and Chennai, India

Operating Systems Windows Server 2008

Programming Languages Java, Jsp, XML & Windchill/PDMLink 10.0/10.2

PROJECT DESCRIPTION:

Support the runtime issues on the existing customizations on Windchill 10 and customization conversion from Windchill 10.0 to Windchill 10.2 as part of the upgrade.

ROLES AND RESPONSIBILITIES:

- Worked with Onsite-offshore team to track the development on different modules.
- Worked on the custom report to display the Change Notice and Change Activities for the given requirements.
- Executed WinDU and coordinated with PTC vendor to resolve the WinDU issues.
- Identified and replaced all the deprecated API's and tested on the target server.
- Responsible for the customization conversion and deliverables to the customer.
- Replaced the customizations with the OOTB Loaders on Windchill 10.2.
- Developed and implemented a customized workflow to optimize the process.
- Onsite Consultant for the Windchill data upgrade and resolved the production issues reported by the users.

PROJECT6: Supplier Collaboration - Manufacturing Industry (6 months)

Location Chennai, India

Operating Systems Windows Server 2012

Programming Languages/Tools Java, Jsp, XML, SQL & Windchill/PDMLink 10.0

PROJECT DESCRIPTION:

Supplier Collaboration was a development project which helps for integrating SAP data with Windchill system. It will drastically reduce the time by creating supplier codes and corresponding supplier users and sharing the parts associated with supplier codes to Projects. It will increase scalability by creating large number of supplier codes and supplier users in Windchill system.

ROLES AND RESPONSIBILITIES:

- Code development using Java and Info*Engine (Creating Projects, Updating Teams, Creating Change Objects, Parts Sharing and Deleting Projects).
- Code development for consuming SAP web services and mapping the same data into Windchill PDMLink.
- Workflow customization and lifecycles design and implementation.

PROJECT7: PDM Link Enhancement - Manufacturing Industry (12 months)

Location Chennai, India

Operating Systems Windows Server 2008

Programming Languages/Tools Java, Jsp, XML,SQL & WindchillPDMLink 10.0

PROJECT DESCRIPTION:

Development and enhancements on Windchill 10.0 and provide post upgrade support activities and bug fixes.

ROLES AND RESPONSIBILITIES:

- Overall support and maintenance activities including system and business administration of Windchill PDMLink 10.0.
- Understand and analyzed the new requirements from the client performing the feasibility checks on Windchill 10.0.
- Windchill Consultant for enhancements and production support at Onsite.
- Implementation solutions and post upgrade support activities in Windchill.

PROJECT8: Windchill Upgrade and Customization - Manufacturing Industry (12 months)

Location Centurion, South Africa and Chennai, India

Operating Systems Windows Server 2008

Programming Languages Java, Jsp,XML & WindchillPDMLink 8.0/10.0

PROJECT DESCRIPTION:

Client had decided to upgrade Windchill PDMLink from Windchill 8.0 to Windchill 10.0. During the Windchill upgrade need to identify gap analysis for schema, functional, web components and Integrations impact on Windchill application.

ROLES AND RESPONSIBILITIES:

- Onsite consultant for understanding of existing Windchill architecture.
- Consulting upgrade process and define strategy to execute upgrade.
- Installation and configuration of target version of Windchill application.
- Setup test environment for rehosting/cloning the production environment for rehearsal upgrades.
- Prepared test cases and work Instructions for data upgrade.
- Successfully executed Windchill upgrade from Windchill 8.0 to 10.0
- Provided the "Go-Live" support for Windchill PDMLink upgrade process.
- Tested customizations on the development and QA environments and deployed them over to production.
- Developed ECAD and MCAD customizations and automated the Bill of Materials creation and release process.
- Involved in creating product structure automation through workflows.

PROJECT9: Windchill PDMLink Support - Manufacturing Industry (18 months)

Location Centurion, South Africa and Chennai, India

Operating Systems Windows Server 2008

Programming Languages Java, Jsp,XML & WindchillPDMLink 8.0/10.0

PROJECT DESCRIPTION:

Customizing the existing Windchill 8.0 environment for the client requirements and Production Support on Windchill 8.0 to troubleshoot the run time issues. Windchill 8.0 PDMLink system admin activities which includes the installation, customization, enhancement, and configuration of Windchill, and CAD applications.

ROLES AND RESPONSIBILITIES:

- To work with onsite-offshore team to track the development on different modules.
- Configured and deployed the customizations in the QA and Production environments.
- CAD worker and office worker configuration on production server.
- Developed admin utilities and customizations to release objects through custom workflows and to publish the CAD models through custom workflow to generate rendered pdf with watermarks.
- Extract and download the Bill of Materials and change objects data into a flat file and send it to ERP System as part of semi-automated integration.
- Provided support on runtime issues for the Windchill PDMLink 8.0 environment as a business and system admin.
- Developed a customization to verify the Product Structure Data validation and send the reports automatically to the users through workflow process.
- Bug fixing and defect tracking on Windchill 8.0.

Awards

- Oracle certified Java SE Programmer
- PSMI certified Scrum Master
- Certified SaFe 5 Agilist