TEK012642 (PTC - Windchill - 2 + Year)
📘 Bachelor of Engineering

Highlights

- Experienced Windchill Developer with Expertise in developing, customizing, and integrating PTC Windchill PLM systems.
- Skilled in implementing UI Customizations such as Type and Attribute Management, Change Management, Lifecycle Management, and Workflow Management.
- Proficient in designing and deploying Business Rule Validations, Data Utilities, Form Processors, Table Builders, and developing Actions and Action Models to streamline product lifecycle processes.
- Expertise in system integration and performance optimization, with a focus on improving user experience and ensuring data consistency across platforms.
- Engaged in cross-functional collaboration with IT, product management, and quality teams to ensure successful integration of Windchill with enterprise systems
- Actively contributed to internal knowledge-sharing sessions and Windchill user groups, mentoring junior developers and sharing insights on best practices for Windchill customization and integration.
- Successfully integrated Windchill with SAP for seamless data exchange, achieving a 40% reduction in manual data entry errors and improving real-time synchronization of product information, change requests, and lifecycle data, resulting in enhanced cross-system collaboration and operational efficiency.
- Provided training sessions for end-users and internal teams on Windchill best practices, custom features, and system optimizations, enhancing team proficiency and reducing user-related issues by 15%.

Skills

Primary Skills

- Configuration Management
- Windchill Customization
- Windchill Workflow

Secondary Skills

- Change Management
- Core Java
- Windchill Testing

Other Skills

- **Programming languages :** Java , JSP , Python , HTML , CSS , XML , SQL
- **Tools & Technologies :** Eclipse IDE , Postman , Putty , Notepad++
- **Databases :** Oracle , SQL
- **Operating Systems :** Windows , Linux
- **Version Control :** Git
- **Manual Testing :** System integration testing , Unit testing , Regression Testing , UAT

Projects

Project - 1 (26 months)

Role : PLM Windchill Developer

Responsibilities :

- Customizing and configuring Windchill for product lifecycle management processes, including design and manufacturing.
- Configured Windchill for part/product creation, document management (drawings, reference documents), and type/attribute management (single-level, multi-valued, dropdown attributes).
- Managed change management (change requests, notices), lifecycle administration, workflow administration, and supplier management for creating suppliers and manufacturers.
- Integrated Windchill with SAP for seamless data exchange, using Integration Fabric and conducted manual testing (Regression, UAT, Unit, System Integration) to ensure functionality, stability, and performance met business requirements.
- Customized Actions and Action Models to automate complex business actions, including data validation tasks, significantly improving process efficiency.
- Implemented Business Rule Validations for part/product/document lifecycle management, ensuring compliance with industry standards and internal protocols.
- Coordinated with engineering and product development teams to ensure accurate product data configuration and management, reducing data errors by 20% and improving product release timelines by 15%.
- Developed custom Form Processors to validate and submit user data, reducing errors in product configurations and improving data quality.
- Built and maintained Table Builders to enhance Windchill user interfaces by dynamically creating tables to display complex data sets.
- Worked closely with cross-functional teams to understand business requirements and implement Windchill customizations accordingly.
- Performed regression, unit, and system integration testing (SIT) to ensure new customizations and integrations in Windchill maintained functionality and data flow.
- Led User Acceptance Testing (UAT) with end-users to verify that customizations met business requirements before production deployment.
- Created a Power BI dashboard in Windchill which involves integrating Microsoft Power BI with Windchill, to visualize and analyse data.
- Trained 5+ team members on PLM Windchill Administration, enhancing product lifecycle data management

Awards

- Awarded the On-the-Spot Award for outstanding contributions and being an inspiring role model for colleagues.
- Recognized as the Talent Transformation Star of 2024 for exceptional performance and leadership in driving innovation and team development.

Certifications :

- PTC Certified Windchill Associate
- Tableau Desktop Specialist
- Power BI Certification
- SQL Certification