



Vaibhav Thakare

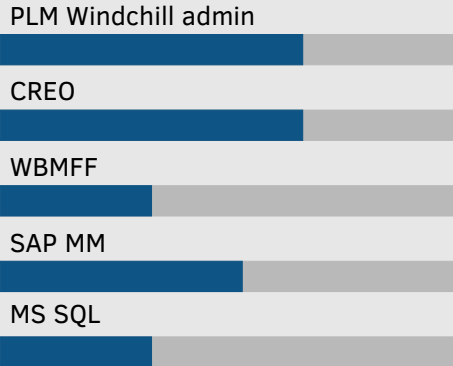
PLM Windchill Admin

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About me

I am an experienced PLM Windchill Administrator with a strong background in managing and optimizing Product Lifecycle Management (PLM) systems. Skilled in configuring, maintaining, and troubleshooting Windchill environments, I ensure smooth system performance and support critical business operations. I have experience in user management, data migration, and process automation, as well as a deep understanding of PLM best practices. My goal is to drive efficiency and improve workflows by leveraging Windchill's capabilities to meet business needs and enhance product development processes.

Skills



(*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

Professional Summary

- Currently working in TCS as an IT Analyst specializing in PLM Windchill Admin, configuration support.
- IGW (BMT Group-India),Pune as a Senior Engineer (CAD-PLM support).
- HCL Technologies,Thane as a Senior Test Engineer in the Feature Recognition team.
- MAN Energy Solutions(On Payroll of Expert Global), Ch. Sambhajinagar (Aurangabad) as a Sr. Consultant in Engine and Turbocharger design.
- Greaves Cotton Ltd.(On Payroll of Ceinsystech Ltd.) Ch. Sambhajinagar (Aurangabad) as a Executive Engg. in Engine Design.

Skills

- PLM Windchill: PDM Link, Project Link, MPM Link
- ERP: SAP (MM), QAD
- CAD Tools: CREO 8.0, CATIA V5, SolidWorks 8, AutoCAD, Work Group Manager
- Operating Systems: Linux, Windows

Experience

Tata Consultancy Services, Pune September 2023 - Present
IT Analyst

- Daily Monitoring: Server Monitoring, Publishing Monitoring, Queue Monitoring
- Administration Supporting: Rehost, Vault Configuration, CAD Worker Configuration, OpenDJ Implementation, Vulnerability fixing, License management, Participant administration, CREO configuration, Work Group manager configuration, WINDU Report generation, patches(FTHealer), build deployment, Jconsole (Confiured Monitoring services).
- Major Troubleshooting Errors:
 - CAD Worker cannot start after rehosting.
 - Vault issues such as mount not valid or unknown folder.
 - License gets reverted
- SolidWorks Local Data Migration:
 - Worked on WBMFF POC.
 - Data manually loaded into Windchill using WWGM.
- Configuration and Testing: Project Link - Access Control, Lifecycle, OIR.
- Database Support Activities:
 - Performance tuning.
- Experience with Ticket Tracking Systems: ServiceNow DevOps.
- Training Business Users.
- Documentation:
 - Functional Design Document and Technical Design Document.
 - Familiar with Business Requirement Document.
- Build Deployment Activities.
- Testing: Performed Alpha/Beta functionality testing and test case preparation.

Training to Product and Process Engineer

- Windchill and CREO CAD Training to new trainees/business users:
 - 2D and 3D modeling of Gear and Shaft using Copy Geometry and Publish Geometry.
 - Making of process plans in Windchill.
 - Creation of material number in PLM.
 - Windchill and release process.
 - Creation of BOM (Part List) both E-BOM and M-BOM.
 - Data migration from QAD and SAP to PLM Windchill using a spreadsheet.

Functionality Testing Support

- Test case preparation and support for BMT group (Belgium, Romania, VCST, Mexico).

Template Creation

- Created template for standard operation and control characteristics.

Configuration

- Configuration of standard work cell and work center.

CREO Support Activity

- UDF creation.
- config.pro file updation.
- License management.
- Solving release-related errors:
 - Data error.
 - Circular reference error.
 - Pending change error.

PLM Windchill-Admin Support Activity

- Participant Administration.
- Object Initialization Rules Administration.
- Type and Attribute Management.
- License management.
- Notification configuration from Policy admin

Team: Feature Recognition

- Creating different types of parts using CAD software for feature recognition purposes in test cases.
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- Worked on manual and automation testing using CMD scripts.
- Modified test scripts (Batch scripts) in Windows for testing and daily test report updates.
- Created and modified test suites, baselines, branches, etc., for all kernels in the SVN repo browser.
- Worked on daily test maintenance activities, including DIFF analysis for test results using Araxis Merge.
- Daily activities included verification of fixed issues and logging bugs/issues in the JIRA tool.
- Worked on Agile methodologies.

- Prepared activities for product release.
- Analyzed customer-reported issues and requirements, coordinated with them, and provided technical solutions/feedback.

Expert Global (An Alten Group Company), Aurangabad
CAD Consultant

April 2018 - March 2021

- Project: Engine and Turbocharger Retrofitting
- Client: MAN Energy Solutions, Ch. Sambhajinagar (Aurangabad)
- Making of proposals for retrofitting of Turbocharger and engine-related piping, covering components, and the respective part/assembly drawing creation.
- Reverse engineering – Conversion of old drawings for further development and retrofitting purposes.
- Responsible for DFM (Design for Manufacturability) and DFA (Design for Assembly) activities.
- Creation of drawings using GD&T (Geometric Dimensioning and Tolerancing).
- Designing casting and forging components using skeleton modeling (Part Skeleton, Raw Part, Finish Part).
- Collaborated with procurement engineers (German team) to complete the design from prototype to regular production.
- Understanding design requirements and performing unit-level verifications to ensure compliance.
- SAP (MM) Activity: Creation of Change Numbers, Material Numbers, Bill of Materials, and releasing drawings.

Ceinsystech Limited, Nagpur
Executive Engineer (Design Department)

November 2017 - March 2018

Client: Greaves Cotton Ltd., Ch. Sambhajinagar

- Worked on 600, 650CNG Engine.
- VEHICLE INTEGRATION - Checking position and fouling of engine parts with mule vehicle compartment.
- FLYWHEEL, INTAKE MANIFOLD PROPOSAL FOR 650CNG BS-IV ENGINE - Modifying the existing flywheel as per vehicle requirement and creating drawings for the flywheel (casting, machining, and assembly).
- BRACKET DESIGN - Changed the existing design of the EGR COOLER mounting bracket and prepared its drawing for manufacturing.
- SKELETON MODELING - Designed the skeleton-based model and created the engine assembly for the 650CNG BS-VI engine to enhance flexibility.
- PLM ACTIVITY - Local data migration into PLM Windchill.
- Created change numbers - ACN, BCN, PCN.

Education

Indo-German Tool Room
Post Graduate Diploma in Tool Design and CAD-CAM

August 2014 - December 2015

G.H. Rasoni College of Engineering (GHRCE), Nagpur
Bachelor of Engineering (BE) in Mechanical Engineering

2009 - 2014

Languages

- English (Professional Working)
- Marathi (Native or Bilingual)
- Hindi (Full Professional)

Personal Info

DOB: 16/08/1991
Gender: Male
Marital Status: Married

Declaration

I, Vaibhav B. Thakare, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

Date: __/07/2025

(Vaibhav B. Thakare)

Place: Pune