



# Vaibhav Thakare

## PLM Windchill Admin

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-  16 August 1991  
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## About me

PLM Windchill Administrator with hands-on experience supporting enterprise PLM environments at Tata Consultancy Services. Skilled in Windchill administration, system setup, monitoring, troubleshooting, and CAD integrations to ensure smooth and stable performance. Former CAD Engineer with 3.5 years of practical experience in automotive and heavy engineering domains. Focused on improving work processes, maintaining system stability, and providing effective user support.

# Skills

- | Tool                | Percentage |
|---------------------|------------|
| PLM Windchill admin | 85%        |
| CAD                 | 80%        |
| Linux               | 70%        |
| SAP MM              | 65%        |
| Troubleshooting     | 60%        |

[\*][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, and Data Migration support.
  - IGW (BMT Group-India),Pune as a Senior Engineer (PLM Windchill Technical support).
  - HCL Technologies,Thane as a Senior Test Engineer in the Feature Recognition team.
  - MAN Energy Solutions, Ch. Sambhajinagar (Aurangabad) as a Sr. Consultant in Engine and Turbocharger design.
  - Greaves Cotton Ltd. Ch. Sambhajinagar (Aurangabad) as a Executive Engg. in Engine Design.

Skills

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

## Experience

Tata Consultancy Services, Pune

September 2023 - Present

## IT Analyst

- Daily Monitoring: Server Monitoring, Publishing Monitoring, Queue Monitoring.
  - Supporting: Rehost, Vault Configuration, CAD Worker Configuration, OpenDJ Implementation, Vulnerability fixing, License management, Participant administration, Jconsole (Configured Monitoring services).
  - Major Troubleshooting Errors:
    - CAD Worker cannot start post rehost.
    - Vault issues such as mount not valid or unknown folder.
  - SolidWorks Local Data Migration:
    - Supported on WBMFF POC.
    - Manually loaded data into Windchill using WWGM.
  - Configuration and Testing: Project Link - Access Control, Lifecycle, OIR.
  - Database Support Activities:
    - Performance tuning.
    - Import schema for Migration Activities
  - Experience with Ticket Tracking Systems: ServiceNow and DevOps.
  - Training Business Users.
  - Documentation:
    - Functional Design Document and Technical Design Document.
    - Familiar with Business Requirement Document.
  - Build Deployment Activities.
  - Automation: Configured email notifications to alert on worker failures. Implemented cron jobs to automate the movement of application logs to designated disk locations and configured automatic deletion based on a defined retention period.

#### 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. Raisoni 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: \_\_\_/02/2026

(Vaibhav B. Thakare)

Place: Pune