Vaibhav B. Thakare

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🔗 **LinkedIn:** [Vaibhav B. Thakare](#) | 🌐 **Portfolio:** [GitHub Portfolio Link](#)

Professional Summary

Experienced PLM Windchill Administrator and CAD Engineer with 7+ years in managing, configuring, and optimizing PLM systems. Skilled in CAD-PLM support, CAD design engineering, data migration, and process automation with expertise in CREO, CATIA, SolidWorks, and SAP MM.

Key Skills

- PLM Windchill (PDM Link, Project Link, MPM Link)
- ERP: SAP MM, QAD
- CAD Tools: CREO 8.0, CATIA V5, SolidWorks, AutoCAD
- OS : Linux & Windows and DB: MS SQL
- ServiceNow DevOps, Jira, SVN

Professional Experience

Tata Consultancy Services, Pune

IT Analyst | Sept 2023 – Present

- Windchill server administration, CAD worker setup, vault configuration, license management, Rehost, OpenDJ Implementation, Vulnerability fixing, Participant administration, CREO configuration, Work Group manager configuration,
- WINDU Report generation, FTHealer, build deployment,
- Jconsole (Confiured Monitoring services).
- Data migration support for SolidWorks to Windchill (WBMFF POC).
- Training business users and preparing functional/technical documentation.

IGW India Technologies Pvt. Ltd., Pune

Senior Engineer (CAD-PLM Support) | Nov 2021 – Jul 2023

- Delivered Windchill and CREO CAD training to product and process engineers, covering 2D/3D modeling of gears and shafts using Copy Geometry, Publish Geometry and process plans making in windchill.
- Supported data migration from QAD and SAP to PLM Windchill.
- Provided functionality testing support for global BMT groups (Belgium, Romania, VCST, Mexico).
- MPM Link: Created standard operation templates and configured work cells and centers.
- CREO support: UDF creation, config.pro updates, license management, and resolution of release-related errors (data, circular reference, pending changes).
- Windchill admin activities: participant administration, type & attribute management, and notification configuration.

HCL Technologies, Thane

Senior Test Engineer | Apr 2021 – Nov 2021

- Created different types of parts using CAD software for feature recognition in test cases.
- Modified test suites, baselines, branches, and managed kernels in SVN.
- Performed DIFF analysis for test results using Araxis Merge and logged issues in JIRA.
- Followed Agile methodologies and collaborated on product release activities.
- Analyzed customer-reported issues and provided technical solutions.

Expert Global (An Alten Group Company), Aurangabad

CAD Consultant | Apr 2018 – Mar 2021

- Project: Engine and Turbocharger Retrofitting for MAN Energy Solutions.
- Prepared proposals for retrofitting turbochargers and engine-related piping and created part/assembly drawings.
- Reverse engineered old drawings for development and retrofitting purposes.
- Conducted DFM/DFA activities and designed casting & forging components using skeleton-based modeling.
- Created drawings with GD&T and coordinated with German procurement engineers from prototype to production.
- SAP MM: Created change numbers, material numbers, BOMs, and released drawings.

Ceinsystech Ltd. (Client: Greaves Cotton Ltd.), Nagpur

Executive Engineer (Design Dept) | Nov 2017 – Mar 2018

- Worked on 600 & 650CNG Engine vehicle integration and component design.
- Designed and modified components like flywheels, brackets, and manifolds.
- Applied skeleton modeling for engine assembly creation to enhance flexibility.
- Performed PLM Windchill local data migration and managed change numbers (ACN, BCN, PCN).

Education

- **PG Diploma** in Tool Design & CAD-CAM, Indo-German Tool Room (2015)
- **BE Mechanical Engineering**, GHRCE Nagpur (2014)

Languages: English, Hindi, Marathi

Declaration I hereby declare that the information provided is true to the best of my knowledge.

Vaibhav B. Thakare