

Aditya Patil

Windchill Ad

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PROFESSIONAL SUMMARY

- 5.8 years of experience in Product Engineering, and working in Windchill, PLM Administration, Configuration, and Support. Good experience and knowledge in Windchill Business Administration, System Admin. and Testing.
- Good knowledge in Manual Testing and functional testing.
- Good knowledge of CAD Data Management with Windchill PDMLink.

KEY COMPETENCIES

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|---------------------|-------------------------|---------------|
| • PLM | • OIR | • Solidworks |
| • BusinessAdmin | • PDMLink & Projectlink | • Testing |
| • Change management | • Creo | • SystemAdmin |
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PROFESSIONAL EXPERIENCE

Whirlpool India, Pune

Oct 2023 - Present

Windchill Admin

Accomplishments:

- Support engineering applications, including Windchill, Creo, and Thingworx, ensuring optimal performance and user satisfaction.
- Interact with end-user communities to resolve issues and manage support tickets (servicenow), enhancing user experience and productivity.
- Provide access management for users, maintaining tracking records to ensure secure and efficient access to applications.
- Types and Attribute Configuration - Attributes, enumeration creation, definition exporter to export/import windchill configuration.
- Demonstrate knowledge of Windchill architecture and various components within Windchill environments, contributing to effective system administration and implementation.
- Create and execute test scenarios for various requirements and enhancements, ensuring system functionality and compliance with business requirements.
- Develop Business Rules (BRE) documents and manage upgrades to the latest versions, ensuring system alignment with current standards.
- Author knowledge articles for the support team and end users, improving documentation and facilitating better understanding of system functionalities.
- Manual testing of new deployments and enhancement requests.
- Basic Knowledge in valuting, installation, queue configuration of Windchill.
- Provide end-user training and create documentation

EMDEP Testboard Pvt. Ltd. Pune

Mar 2022 - Oct 2023

PLM Engineer

Accomplishments:

- Hand on experience in Windchill Business administration.
 - Providing technical support L1 & L2, administration and management of windchill and Creo environments.
 - Work in Windchill Business Admin, OIR, Change management, WorkFlow & Life cycle template administration.
 - Types and Attribute Configuration - Attributes, enumeration creation, definition exporter to export/import windchill configuration.
 - Knowledge of Windchill architecture and different components in Windchill environments.
 - Support to the Design and Manufacturing team.
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- Experience in interacting with end user communities to resolve the issues.
- Responsible for creating and implementing ECR and ECN management rules.
- Provide regular updates and reports on project status risks and issues to management.

Projects-

Project 1: HFL- Harness Connector Fixture Line.

Responsibilities:

- Work in **Windchill** Business Admin, OIR, Change management, WorkFlow & Life cycle template administration with **Windchill** PDMLink.
- Support to the Design and Manufacturing team.
- Interacting with end-user communities to resolve the Creo and **Windchill** issues.
- Responsible for creating and implementing ECR and ECN management rules.
- Provide individual access control permissions.
- Testing the workflow and life cycle template.

Mahabal Metals Pvt Ltd, Miraj

Oct 2019 - Mar 2022

Design Engineer

Accomplishments:

- Fixture & SPM Design: Hands-on experience in designing fixtures, Special Purpose Machines (SPM), and automation systems with a focus on manufacturability, performance, and ease of use.
- Sheet Metal Modeling: Proficient in SolidWorks for sheet metal modeling and preparing 2D development drawings for laser cutting and bending in AutoCAD.
- Design for Manufacturability: Skilled in designing products with consideration for manufacturability, performance, interchangeability, ease of use, and durability, ensuring designs meet both functional and production requirements.
- Structural Analysis & Validation: Experienced in performing calculations for stress, deflection, and material selection.
- Standard Part Selection: Expertise in selecting standard parts based on catalogs and availability, ensuring cost-effective and efficient design solutions.
- Geometric Dimensioning and Tolerancing (GD&T): Strong knowledge of GD&T principles and experience in reviewing drawings for proper material selection, machining techniques, finishes, and tolerances.
- Engineering Coordination & Problem Solving: Capable of planning, scheduling, coordinating, and problem-solving engineering activities effectively to ensure timely project completion.

Fuel instruments and Engineering, Ichalkaranji

Jun 2018 - Sep 2019

Design Engineer

Accomplishments:

- Hands-on experience in Fixture Design, SPM Design.
- Interacting with customers to ensure all requirements are met. Machine part development and design, 2D/3D design, drafting, and detailing.
- Sheet metal modeling in Solid works & preparing 2D development drawings for laser cutting & bending in AutoCAD.
- Design considering, calculating load, stress and resistance of machines.
- Responsible for generating Bill of Materials (BOM) for machine manufacturing and OEM parts, as well as selecting pneumatic/hydraulic components and preparing related circuit diagrams.
- Creating prototype models and aesthetic views in SolidWorks Composer
- Good Knowledge of solidworks and Autocad.

COURSES/CERTIFICATIONS

- **Windchill** Fundamentals by PTC
 - **Windchill** Business Administration by PTC
 - **Windchill** and CAD **integration** by PTC
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LANGUAGE

- English
- Hindi
- Marathi

EDUCATION

Bachelor in Mechanical Engineering
University- Shivaji University,
Kolhapur, Maharashtra.

DATE OF BIRTH

27 Sept, 1994
