Jay Khandagale

FUNCTIONAL CONSULTANT – PTC
Products

+91-7887523634 / khandagalejay962001@gmail.com /
www.linkedin.com/in/jaykhandagale/

SUMMARY

Highly motivated and skilled Functional Consultant with 2 years of experience in developing precise 3D models and optimizing CAD workflows. Proficient in **Creo, CATIA**, and Creo Illustrate, with a strong track record of improving design processes and assembly sequences. Experienced in providing training and technical support for Creo, resolving design challenges, and enhancing product development efficiency. Seeking opportunities to contribute expertise in CAD design and modeling to dynamic engineering projects

EDUCATION

Dr. D Y Patil School Engineering & Technology, Pune

B.E IN AUTOMOBILE ENGINEERING   *2018 – 2022*

EXPERIENCE

Functional Consultant   Aug 2023 – Present
Tata Technologies

Graduate Engineer Trainee   Aug 2022 – 2023
Tata Technologies

Work Experience:

- Delivered a demo on Creo **Generative Design** and **Mathcad** to Tata Motors, showcasing advanced design and simulation capabilities.
- Provided comprehensive Creo training for **Tata Toyo Radiator** and **Tata Steel**, enabling teams to improve their CAD modeling and design workflows.
- Supported Creo-related issues at Tata Motors, resolving technical challenges to enhance CAD design efficiency and system performance.
- Utilized Creo and **CATIA** to create detailed 3D models for various engineering projects, ensuring precision in product design and manufacturing.
- Modified and optimized CAD data using **Creo Illustrate** to improve assembly processes, focusing on accurate assembly sequences and design clarity.
- Actively contributed to solving Creo-related tickets, providing efficient solutions and technical support to enhance design productivity.
- Supporting the **Creo upgradation activity**, ensuring seamless transitions and enhanced CAD performance.

PROJECTS

- **Proof of Concept (POC) on Mathcad for Tata Motors:**

  Successfully conducted a POC on Mathcad, demonstrating its feasibility in enhancing operational processes by providing advanced engineering calculations and simulations to improve design efficiency and accuracy. This initiative showcased Mathcad's ability to streamline complex calculations, reducing manual effort and potential errors in engineering workflows.

- **Proof of Concept (POC) on Creo Generative Design for Tata Motors:**

  Completed a POC on Creo Generative Design, showcasing its capabilities in optimizing product designs through automated, data-driven design solutions, improving both design quality and development speed.

TECHNICAL SKILLS

- Creo
- CATIA
- MathCad
- Creo illustrate

CERTIFICATION

- Creo Parametric Training
- Creo Generative Design Fundamentals
- Creo Simulation Basics
- Mathcad Essentials