

Manoranjana Kumar

Design Engineer

I aim to advance my career as an Engineer, leveraging my education and skills to make a meaningful contribution in a dynamic and competitive work environment within a career-oriented organization.



✉ manoranjana.chotu111@gmail.com

☎ +919973968278

📍 Jamshedpur, India

WORK EXPERIENCE

Apprentice Training

JMT Auto Pvt. Ltd.

11/2020 - 11/2021

Jamshedpur

Role

- Complete One Year of Graduate Apprentice Training as trainee design engineer

Design Engineer

JMT Auto Pvt. Ltd.

11/2021 - 03/2022

Jamshedpur

Role

- Worked as design engineer and handled multiple tasks such as Product design, CAD modelling and analysis, Prototyping and testing, Project management.

Design Engineer

3R Engineering

05/2022 - 05/2023

Jamshedpur

Role

- As a Design Engineer, I specialized in reverse engineering, where I used PTC CREO 5.0, Solid Works & Autodesk Inventor for 3D model preparation. This involved deconstructing designs, extracting crucial information, and contributing to overall improvements in engineering processes.

Design Engineer

Precision cups Pvt. Ltd.

06/2023 - Present

Jamshedpur

Role

- Worked as a Design Engineer overseeing comprehensive development tasks. Completed 3D modal technical review with CREO and also done modifications for machining process using CREO and Solid Works. Designed 3D machining fixture with PTC CREO 5.0 & Autodesk Inventor.

CERTIFICATES

Master Certification CAD/CAM/CAE (08/2019 - 02/2020)

Attained a score of 78% in the certification completed at Indo-Danish Tool Room.

EDUCATION

B.Tech (Mechanical Engineering)

B.A. College of Engineering & Technology

09/2015 - 07/2019

Jamshedpur

Marks

- Earned a Bachelor's degree in Mechanical Engineering with a performance of 67.68%.

SKILLS

SolidWorks

AutoCAD

PTC Creo 5.0

Ansys(Workbench)

MS Office

NX/Unigraphics 12.0

AutoDesk Inventor

CATIA

1-3D Machine Fixture Drawing

KEY WORKS

Design Engineer

JMT, 3R, Precision Cups

Tasks

- Using Auto CAD And Solid Works.
- Draw All Stage Drawing from Customer drawing.
- Modifying design and testing them.
- Create ballooning for quality inspection.
- Create CAPA files.
- Calculate cycle time and Cost estimation for manufacturing part.
- PPAP documents preparation

INDUSTRIAL EXPOSURE

Visited Thriveni Enterprises Maintenance Shop & Tool Room, Jamshedpur.

Visited Hindustan Copper Limited, Ghatsila, Jamshedpur.

Visited Indo Danish Tool Room, Jamshedpur.

HONOR AWARDS

Got 2 position in Techtron 2017.

Techtron

Got 2 position in quiz competition in Mechnovate 2018.

Mechnovate

INTERESTS

Automotive Enthusiast

Volunteer Work

Robotics

3D Printing

DIY Projects