Sasank Raavi

Mechanical Design Engineer

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TECHNICAL SKILLS

- **Autocad:** 2D, 3D, Drafting
- **CatiaV5:** Part design, Part Assembly, Sheet Metal, Surface Design, Drafting,Rendering
- **Creo:** Part design, Assembly, Surface, Sheetmetal, Drafting
- **SolidWorks:** Part assembly, Drafting, Part Modelling, Sheet Metal , surface Design
- **GD&T**

EXPERIENCE

Mechanical Trainee Engineer (Including Internship)   January 2024 - November 2024
Choice Canning Company Private Ltd   Bapatla, Andhra Pradesh

- **Operating Machinery:** Operated machines like Packing:Anphat , Freezer:dantech, Smart Grader : laitram and many other automated machines and conveyors.
- **Maintenance of Machinery:** Preventive and brekadown Maintenance of all machines and conveyors.

PROJECTS

Engine Assembly - Designed in Autocad   December2024
                                                                                            Design Link

- 3D Modeling.
- Assembled parts with Move Command.
- Designed with Drawings available in online.

Bicycle - Designed in CatiaV5   January 2025
                                                                 Design Link

- Parts Design.
- Parts Assembly.
- Applying Material
- Rendering

6 Axis Robotic Arm - Designed in CatiaV5   February 2025
                                                                                 Design Link

- Parts Design and Assembly.
- Zero Clashes.

Remote Control Fork Lift   December 2023
                                                           Project Link

- Mechanical Design & simulation .
- Wireless Communication Module Using RF Module.
- Material selection.
- Power& Drive System.

INTERNSHIP

Electric Vehicle Design   6 Weeks (Online)
Skill Dzire

CATIA&CNC Turning   May-July(2023)
APSSDC

Solar PV Plant Design   3 Months(Online)
Skill Dzire

COURSES/CERTIFICATIONS

Master Diploma in Mechanical CAD

- CATIAV5.
- Creo.
- SolidWorks
- GD&T.

EDUCATION

Andhra Loyola Institute Of Engineering and Technology   Jan 2021 - April 2024
Bachelor of Technology in Mechanical Engineering   Vijayawada, Andhra Pradesh
CGPA: 7.33

Sri Venkateswara Junior College   June 2018 - March 2020
Intermediate   Gannavaram, Andhra Pradesh
CGPA:9.19

Ushodaya English Medium High School   2018
CBSE   Guntur, Andhra Pradesh
CGPA:7.96