

Lohit Kumbar

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Summary

Mechanical Engineer with R&D experience as a Prototyping Engineer. Skilled in Design, CFD, and GD&T. Strong track record of turning ideas into functional prototypes.

Work experience

Drishti Works Pvt Ltd. — Junior Prototyping Engineer.

JULY 2024 – NOV 2025

- mechanical design skills to real-world EV conversion projects.
- Proficient in CAD tools like Fusion 360 and SolidWorks for fixture and mount design.
- procurement workflows and vendor coordination.
- Developed leadership skills by supervising fabrication teams for quality output.
- Created and managed Bill of Materials (BOM) for mechanical assemblies.
- Documented project processes performed root-cause analysis and contributed to brainstorming solutions.
- Gained proficiency in 3D modelling software including SolidWorks and Autodesk Fusion 360.
- Designed and developed mounts and mechanical components for robotics applications.
- Performed 2D drafting, dimensioning, and creation of technical drawings for manufacturing.
- Trained and guided fabricators to ensure accuracy and quality in engineering design implementation.
- Demonstrated leadership and collaboration skills by coordinating across design and production teams.

Pradeep Phosphate Pvt Ltd, Zuarinagar | mechanical maintenance intern

Aug – Sept 2023

- Gained foundational experience in mechanical equipment maintenance in a chemical plant environment.
- Observed servicing and repair of industrial systems including pumps, heat exchangers, gearboxes, steam turbines, and bearings.
- Learned maintenance protocols for diesel generators and plant power systems.
- Developed an understanding of preventive maintenance, inspection routines, and alignment techniques.
- Acquired knowledge of safety practices and operational standards in plant maintenance.

Skills

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|-------------------------|------------------------|-------------------|------------------------|
| • Computer Aided Design | • Critical thinking | • G&M Code | • Leadership |
| • Project management | • Kaizen | • Team management | • 3D printing |
| • 5S | • Communication skills | • GD&T | • Inventory management |

EDUCATION

- **Padre Conceicao college of engineering** 2021-2024
Bachelor's degree in mechanical
engineering CGPA-7.1
- **Institute of shipbuilding technology, Bogda** 2018-2021
Diploma in Mechanical
engineering percentage-70.4%

SOFTWARE

- SolidWorks
 - Cura
 - Catia
 - Microsoft office
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- Autodesk fusion 360

PROJECTS

- Anti-Fire System in An Industry
- 3D Printer Filament Manufacturing Unit Using Pet Bottles
- Dust Pollution Control for a Stone Crushing Unit
- EV for Patrolling and emergency services
- Bot Announcement speaker holder design and fixture

CERTIFICATIONS

- **NPTEL**
Public Speaking
E Business
Organizational Behavior
- **LinkedIn Learning**
SolidWorks basics essentials
- **The Council for Six Sigma Certification**
White belt six sigma