

DINESH NIKAM

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Pune, India

Experience

Vasundhara Logistics, Chakan
Product Design, QC

Jan 2025 – Feb 2025
Pune, India

- Skilled in designing mechanical components and assemblies using CAD tools like **SolidWorks**, with a strong focus on functionality and manufacturability. Experienced in implementing **Quality control** processes, conducting inspections, and ensuring product compliance with industry standards to deliver reliable and high-performance products.

Radiance Micro Technology , Pune [Remote]
Jig And Fixture Designer

Jan 2025 – Mar 2025
Pune, India

- Proficient in **Designing jigs and fixtures** for machining, assembly, and inspection processes to improve manufacturing accuracy, reduce cycle time, and ensure repeatability. Skilled in using CAD software to create efficient, cost-effective tooling solutions that support production and quality goals.

Education

Dr. D. Y. Patil Institute Of Engineering Management and Research Akurdi , Pune.
Bachelor of Engineering in Mechanical Engineering - CGPA: 7.90/10.0

2023 – 2026
Pune, India

Puranmal Lahoti Government Polytechnic
Diploma in Mechanical Engineering - Percentage: 80.92%

2020 – 2023
Latur, India

Bhagatsingh Vidyalaya Ashta
10th S.S.C - Percentage: 85.40%

2019 – 2020
Latur, India

Projects

Experimental Analysis of 3D printed polymer matrix composite using FDM for optimization of tensile and impact strength (FINAL YEAR PROJECT)

- Conducted experimental analysis on 3D-printed polymer matrix composites by varying printing parameters to optimize tensile and impact strength; involved in specimen preparation, testing, and data interpretation.

Anti Sleep Alarm for Drivers

- Developed and tested a sensor-based system to detect driver fatigue using eye movement monitoring.
- Integrated a smart alarm for real time alerts to enhance road safety.
- Collaborated in hardware-software integration and system optimization under real driving conditions.

Maintenance and testing of household refrigerator (During Diploma)

- Performed maintenance and functional testing of household refrigerators, including component inspection, fault diagnosis, and system performance evaluation using standard refrigeration tools and procedures.

Skills

- **Technical Skills:** 3DModeling, GD&T, 3D Printing, Microsoft Office.
- **Design Softwares :** Auto Cad, CATIA, SOLIDWORK ,
- **Simulation Software:** Ansys Mechanical APDL, Ansys Workbench.
- **Soft Skills:** Problem Solving, Teamwork, Management, Record Keeping.

Achievements

- Selected as **Diploma Project Trainee** at **Larsen & Toubro (L&T)** during diploma studies.