

# CHOUGULE AKASH MALAKARI

Jangalgi, Manghalwedha, Solapur 413322

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## CAREER OBJECTIVE

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B.Tech Mechanical Engineering with a strong passion for design, seeking an opportunity in an innovative and challenging environment to leverage my creativity, technical knowledge, and proficiency in engineering software to develop practical, efficient, and high-quality mechanical solutions.

## EDUCATION

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<b>N.K. Orchid College of Engineering &amp; Technology, Solapur</b>	<b>CGPA: 8.02</b>
Bachelor of Engineering (Mechanical Engineering)	2023 – 2026
<b>A.G. Patil Polytechnic Institute, Solapur</b>	<b>Grade: 78.92%</b>
Diploma in Mechanical Engineering	2021 – 2023
<b>Government ITI, Akluj, Solapur</b>	<b>Grade: 69.70%</b>
ITI- Fitter	2018 – 2020
<b>Nutan Marathi Vidyalay Mangalwedha, Solapur</b>	<b>Grade: 74.40%</b>
SSC- Pune Board	2017-2018

## TECHNICAL SKILLS:

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- AUTOCAD
- SOLIDWORKS
- CATIA
- NX CAD

## PROJECTS:

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- **CFD-Based Study of Purging Tube Performance in Biogas Digester**

Modeled the biogas digester tank and purging tube and performed CFD analysis to evaluate fluid flow patterns and optimize purging efficiency. Gained practical experience in simulation, design, and performance assessment of renewable energy systems.

- **Development of Next-Gen Eco Composite Material for Aerospace Applications**

Focused on developing a lightweight, high-strength eco-friendly composite for aerospace components. Involved in material selection, specimen preparation, and mechanical testing to evaluate strength, stiffness, and thermal properties, demonstrating potential to replace conventional materials while offering environmental benefits.

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## **INTERNSHIP/TRAINING:**

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- **Auxipower daynamics** **(Ongoing)**  
Assisted in designing and modeling mechanical components using CAD tools, ensuring accuracy and manufacturability.
- **Leena Industries** **(Completed)**  
Completed training in CNC, lathe, and milling machines. Gained experience in part inspection and quality control. Enhanced understanding of design-to-production processes deployment.

## **LANGUAGE:**

- **English**
- **Kannada**
- **Marathi**
- **Hindi**

## **HOBBIES:**

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- Traveling**
- Drawing**
- Volunteering in Technical Events or College Fests**
- Learning new Engineering Software**

## **CERTIFICATIONS:**

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- Certificate Course in Mechanical CAD (SolidWorks), CADKNEZ Solapur (Completed: Aug 2025)
  - Govt. Certificate Course in Mechanical CAD(AUTOCAD), (Completed: Feb 2025)
  - Workshop on “Fundamental of Vehicle Dynamic and Practical know- how of vehicle Engineering” (Oct 2023)
  - Catia
  - Solar Ready Engineer course by Dassult System (July 21 -Aug 04)
  - Avishkar Vocational Training (Aug 1 - oct 30 2024)
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