

# Saklen Shaikh

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## Education

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<b>D.Y Patil College of Engineering</b>	<b>2022 - 2026</b>
B.E - Mechanical Engineering   CGPA- 6.28/10	
<b>KBP College, Pandharpur</b>	<b>2022</b>
12th   Percentage- 55.00%	
<b>Arihant Public School, Pandharpur</b>	<b>2020</b>
10th   Percentage- 77.80%	

## Skills

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**CAD Software:** Catia V5 R21

**Data Visualization Tools:** Microsoft Office

**Soft Skills:** Good Communication, Leadership

## Internship

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**Last Note Band, Pune** **Ongoing**

- Assisting in planning and co-ordinating live events.
- Handling event promotions, crowd co-ordination, and on-site problem-solving during performances.
- Collaborating with band members, vendors, and venue staff to ensure smooth event operations and audience engagement.

**Beavers Decode** **Ongoing**

- Assisting in identifying potential sponsors and clients for advertising on the educational YouTube channel.
- Communicating with brands and partners to promote the channel's educational content and collaboration opportunities.
- Supporting the sales process by generating leads, maintaining client records, and coordinating promotional campaigns.

**Castomach Global Pvt Ltd.** **January 2025**

- Performed quality inspection of cast components, utilizing height gauge, vernier caliper, micrometer and other precision measuring instruments to ensure dimensional accuracy.
- Identified and classified casting defects such as porosity, burrs and contributing to process improvements.
- Developed a strong understanding of impregnation techniques for improving material integrity and reducing porosity in cast parts.

## Projects

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**Design and Development of Terracotta Air Conditioning System** **Ongoing**

- Developing an eco-friendly, energy-efficient air conditioning system using terracotta's evaporative cooling effect.
- Leading efforts in design, prototyping, and performance optimization to create a low-cost, sustainable alternative to traditional air conditioning.
- Targeting residential and commercial scalability, with a focus on reducing environmental impact and improving energy conservation.

**Design of Spur Gear** **February 2025**

- Designed a spur gear transmission system for power transfer.
- Performed torque, bending, dynamic, and wear calculations to ensure safe gear operation.
- Created 3D CAD models and assembly using Catia V5 R21.