

Sahil Yunus Patel

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EDUCATION

- B.Tech in Mechanical Engineering (2023 - 2026)
Dwarkanadas J. Sanghvi College of Engineering
 - Diploma in Mechanical Engineering (Completed in 2023)
Shri Bhagubhai Mafatlal Polytechnic
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TECHNICAL SKILLS

- AutoCAD, Inventor
 - Basic knowledge of CNC
 - Learning ANSYS
 - Hands-on experience with lathe, drilling, and milling machines
 - Knowledge of measuring equipment and gauges
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INTERNSHIP EXPERIENCE

- Polyblow Industry | 6-Month Internship
- Observed and operated lathe, drilling, milling, and surface finishing machines

- Gained practical knowledge of measurement equipment and gauges
- Understood manufacturing and industrial processes
- Earned a 6-month internship certificate

Plasmid (Online Internship) | 3-Months (AutoCAD)

- Completed certification in AutoCAD
- Worked on real-world CAD projects

PROJECTS

Filament from PET Bottles (Diploma Project)

- Developed a method to recycle PET bottles into 3D printing filament
- Researched material properties and optimized filament production
- Created a low-cost and sustainable alternative for 3D printing

CERTIFICATIONS

- AutoCAD Certification (Plasmid)
- 6-Month Internship Certificate (Polyblow Industry)

CONTACT

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