

OMKAR PATIL

Mechanical Engineer — Manufacturing and Design Enthusiast

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Professional Summary

I am a motivated Mechanical Engineering student with a strong interest in manufacturing, design, and core mechanical domains. Detail-oriented with a keen interest in learning, problem-solving, and understanding engineering processes, along with a proactive attitude toward developing practical skills.

Carrier Objective

I would like a career that gives me a rich exposure through diverse assignments and working with people of high caliber. Aim to associate with progressive organization that provides me with ample scope to learn and grow by applying my knowledge and skills combined with my hard work and honesty

Skills

CAD, Auto CAD, CAMD, CATIA, Fusion 360, Dassault Systemes(3D Experience), Solidworks , Generative design, Engineering Analysis, Technical Documentation, Engineering Analysis Fundamentals, Foundry Practice

Education

Bachelor of Engineering (B.E.) – Mechanical Engineering

Gogte Institute of Technology, Belagavi, Karnataka

Expected Graduation: 2027

CGPA:6.7

Class XII – Science (Physics, Chemistry, Mathematics)

Govindram Seksaria Science College, Belagavi, Karnataka

Year of Completion: 2023

Percentage: 66

Class X – State

St. Xavier's High School, Camp Belagavi, Karnataka

Year of Completion: 2021

Percentage: 68

Technical Skills

Design and CAD: CATIA V5, AutoCAD. Dassault Systemes(3d Experience), Solidworks.

Manufacturing and Fabrication: 3D Printing.

Tools and Technologies

3D Experience, CATIA V5, AutoCAD, Fusion 360, MATLAB (Basic), Solidworks.

Academic Project

• **Mini Project** – Building a 3D printed hybrid helmet, handling the design, material composition, model, and safety precautions, mainly worked on understanding low-cost materials that can be used to improve safety and strengthen the thermoplastic shell using glass-fiber composite patches.

Soft Skills

Analytical thinking, problem-solving, attention to detail, teamwork, leadership quality, time management.

Additional Information

Languages: English, Hindi, Kannada, Marathi

Professional Traits: Detail-oriented, reliable, quick learner