

Jay Joshi

Mechanical Engineer

Mechanical Designer skilled in **AutoCAD, NX, and SolidWorks**, seeking to drive innovation and exceed project goals in a forward-thinking organization, while fostering collaboration and achieving operational excellence.

Contact



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<https://www.linkedin.com/in/jay-joshi-07e?>



<https://jay-dm1.pages.dev/>

Academic Details

- **Bachelor of Engineering (B.E.) Mechanical Engineering**
BH Gardi Collage of Engineering And Technology
CGPA: 8.04
(June-2024)
- **Diploma in Mechanical Engineering**
Government Polytechnic Jamnagar
CGPA: 6.97
(July-2021)

Soft Skills

Teamwork | Leader

Technical Skills

- **Auto CAD:**
Modeling, Drafting
- **NX:**
Modeling, Drafting, Assembly
- **Solid Work:**
Modeling, Drafting, Assembly
- **MS Office:**
Word, Excel, PowerPoint
- **Coding Skill:**
HTML, CSS

Core Competencies

Product Development

Design Optimization

Project Handling

Reverse Engineering

Problem Solving

Personal Details

Date of Birth: 26th July 2002

Languages Known: English, Hindi and Gujarati

Address: Jamnagar, Gujarat, India

Profile Summary

- **Innovative Design Engineer** with extensive experience in developing precise **technical drawings** and **3D models**, optimizing designs for **manufacturability** and **cost-effectiveness**, and leading **cross-functional teams** to achieve **project milestones** efficiently.
- Completed an internship at **Geeta Machine Tool Pvt. Ltd.**, gaining hands-on experience in **assembly, casting, and machining**.

Work Experience

Technical & Operations Executive

Callistus Blinds Middle East FZE (Marvel Décor Ltd.), Jamnagar

Sep.2023-Present

Responsibilities:

- Develop detailed **technical drawings** and **3D models** using **AutoCAD, NX, and SolidWorks** for components and systems in the **R&D department**.
- Conduct thorough **design reviews** to identify potential improvements and optimize designs for **functionality, manufacturability, and cost-effectiveness**.
- Participate in **cross-functional team meetings** to discuss project progress, address challenges, and provide updates on design activities.
- Support **prototype development and testing** activities, providing input for design modifications and enhancements based on **test results and feedback**.
- Handled **Bill of Quantities (BOQ)** for various projects, ensuring accurate **estimation and cost control**.
- Coordinated with the **sales team** to align design activities with **customer requirements and market demands**.
- Provided **technical guidance and mentorship** to junior team members, fostering a culture of **continuous learning and growth**.

Academic Projects

Auger Drilling Machine

Roles: Team Leader, Designer

- An auger drilling machine is a tool used for making holes in the ground.
- It typically consists of a rotating vertical metal rod or pipe with one or more blades attached at the lower end that cut or scrape the soil.

Academic Activity

- **Coordinator** the Technical Robo-Race at the national level event Immaculate 2023.
- Served as **Team Leader** for the college chess team at the GTU State Level Chess Tournament.
- **Winner** of Chess and badminton in GTU Zone Level Tournament.
- **Coordinator** of Chess in our College for 2 Years.
- Achieved a **perfect 10/10 SPI** in the **8th semester** of my **BE in Mechanical Engineering**.

Reference

Hardik Gosai – Owner of Sir Computer Classes

Mail: sircomputerclasses@gmail.com

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