

# SANJAY SUNAGAR

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📍 PUNE 411036

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## PROFESSIONAL SUMMARY

Qualified Mechanical Engineer with extensive knowledge of engineering Mechanical Parts like Plastics and Sheet Metal and Skillful in CAD software's like Creo, Auto CAD and INVENTOR with Committed to providing accurate work with eye for detail. Consistently commended for meeting stringent project deadlines under budget.

## SKILLS

- SHEET METAL DESIGN
- PLASTIC DESIGN
- CREO & PROE
- GD&T, STACKUP
- MATERIAL SELECTION
- 8D Problem Solving
- DFMEA
- SAP & WINDCHIL
- DVP&R
- AUTODESK-INVENTOR
- DESIGN HISTORY FILE

## EDUCATION

Institute Of Mechanical  
Engineering  
Mumbai • 12/2019

**B. Tech:** Mechanical Engineering

NTTF  
Dharwad • 07/2010

**Diploma:** Tool Design

Indian Institute of Management  
RAIPUR • Expected in 05/2026

**MBA:** General Management

SAPU SCHOOL  
HUBLI • 06/2005

- 84.52% Score

## CERTIFICATES

- DMAIC - EIIC
- GD&T Certificate - EATON USA
- SYSTEM ENGINEERING - In progress - UNWS

## WORK HISTORY

**EATON INDIA INNOVATION CENTER - Mechanical Engineer**  
PUNE, Maharashtra • 09/2016 - Current

- Understands product requirements of Low Voltage power distribution products in terms of application, design considerations, working principals of Cabinet or Enclosures
- Developed 3D models and detailed 2D drawings using INVENTOR and Creo (Plastics), collaborating with cross-functional teams to ensure design requirements were met.
- Maintaining Design History File of Components Phase (In design, Physical build, Production ready, reviews and Communications)
- Preparation of Outline Drawings, Bill of materials, layouts
- ENOVIA CO, ECO creating and implementing with follow up with counterparts (reviews and approval with OTD 100%)
- Identified deficiencies in mechanical processes to develop improvements (DMAIC - STANDARDIZATION)
- Communicated project requirements and areas for improvement in design review meetings.
- Mentoring team members for technical discussion (Plastic and Sheet Metal)
- Created parts for machining and created drawings as per 3-2-1 Principle
- Hands-on experience in analytical tools and tests - [Minitab. ANOVA]
- Contributed to different initiatives and councils as stretch activity for RECOUNCIL, TEAM BUILDING ACTIVITY.

## PROJECTS HANDLED:

- SS MAGNUM - FRONT CABINET ASSEMBLY [SUSTAINING]
- NPDP - PD5 MCCB Mechanism - [RESPONSIBILITIES]

## TOOLS USED: CREO, INVENTOR, SAP, MPP, PLM, PDSC

- Create Project Chart and project scope with Stake Holder
- Set Timelines and assign task to designers with help of MPP
- Request Prototype build and test in counterpart Lab
- Review work carried out by design engineers (Drawing, Assembly)
- Communicate and make Schedule Changes document

## SOFT SKILLS

- Computer Literacy
- Teamwork
- Communication
- Collaboration
- Time Management

## PASSION

- COOKING
- PHOTOGRAPHY
- MOVIE CRITICS
- TRAVEL

## ADDRESS


SANJAY SUNAGAR  
B5-301  
Florida County  
Pune - 411036

## LANGUAGES

### English

  
Upper intermediate (B2)

### Kannada

  
Bilingual or Proficient (C2)

### Hindi

  
Advanced (C1)

## **JOHN DEERE - LEAD DESIGNER**

*PUNE • 07/2011 - 09/2016*

- Haritha Tech Serv is company which provides engineering and supports MNC companies in need.
- Worked for John Deere (BACKHOE) TEAM
- Assisted Design engineers in designing plastic and sheet metal components for new product development.
- Designed plastic components and assemblies for Seating Products, ensuring functionality, manufacturability, and cost-effectiveness
- Participated in design reviews, providing input and suggestions. for design improvements with Counterparts through Weekly Meetings.
- Supported manufacturing processes, collaborating with production teams to resolve design-related issues.
- 3D modeling of casting components using Pro-E Wildfire 04.
- Strong in preparation of drawings with basic GD&T or as per references.
- Re-Design of Skeleton models of components in assembly.
- Established user-friendly design Layouts to increase user experience and satisfaction of Backhoe Loader.
- Developed and maintained comprehensive library of design assets (Hardware, SHAFTS) for easy access and reuse.
- Windchill - Release Approver, creation of ECN/NPR & Product life cycle management.

## **HAIER INDUSTRIES LTD - Junior Engineer**

*Pune, Maharashtra • 01/2011 - 07/2011*

- Studied corrections from senior engineers to learn and grow professionally.
- Designed 3D Models of Freezer and Wire mesh under direction of experienced engineering professionals.
- Studied manufacturing processes of Washing Machine to improve overall knowledge.

## **Videocon Industries Ltd - Junior Engineer**

*Sambhaji Nagar, Maharashtra • 07/2009 - 12/2010*

- Collaborated with engineering team to Clean up BOM and Standardization of all 3D Models (Pro-E 2.0).
- Prepared standard reports and documentation from Customer's product Feedback.
- Worked closely with Testing engineers and assisted with testing of Washing Machine products.