

# Mr. Vaibhav Gadge

Mechanical Draughtsman

(CAD Designer. Design & Development new product )

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 Location :- Pune, Maharashtra

## Career Objective

Looking for an opportunity to join in established organization where I can learn, improve my skill and add my knowledge, work experience in engineering industry to enhance your company growth as well as my personal growth.

## Certifications

Completed 1 year Apprentice Training at Hindustan Aeronautics Ltd. Nashik, Maharashtra in Tool Design Dept.

Completed 6 month professional AutoCAD 2D&3D certificate course from DCS Amravati (Dassault Systemes.)

## Education Qualifications

- Completed MBA in Marketing from YCMOU,Nashik University (2021-2023) with CGPA 8.86.
- Completed Bachelor of Arts from YCMOU,Nashik University (2017-2020) in First Class.
- Completed HSC (12th) in Science Faculty from Maharashtra State Board (2015-2016) in First Class
- Completed ITI In Draughtsman mechanical From NCVT Nation Board (2020-2022) in First Class.

## Software Skill

- Catia V5 Part design Assembly Design,
- AutoCAD 2D and 3D
- MS office
- MS Team and Ms Outlook

## Strength

- Learner From Observation
- Problem-solving
- Adaptability
- Negotiation
- Teamwork
- Business Communication
- Multi-tasking
- Positive Approach
- Flexibility
- Quick learner

## Professional Experience (3 + Years)

### [1] Hindustan Aeronautics Ltd (HAL), Nashik Maharashtra.

Designation – Trainee Apprenticeship (Tool Design Dept)  
October 2022 – To October 2023

#### Roles & Responsibilities :

- Design 3D-Modeling Using Catia V5.
- Preparing 3D Modelling in Generative Shape Design.
- Preparing Bill of Materials and Baught out list as per Design.
- of Assembly and Sub Assembly.
- Applying GD & T and Welding Symbol as per Team leader instructions
- Basic Knowledge about Manufacturing Process
- Work on sheet metal & Machining part design
- Timely Report to Senior and Team Leader
- Design Tools for sheet metal Parts like Form block,trim jig,
- Drill Plate, Joggling Die etc.
- Drill Jig , Welding fixtures, Prepare NCB for sheet metal Part

### [2] Graphite India Pvt Ltd. Nashik ,Maharashtra

Designation -Draughtsman Mech. (HE/PV)  
November 2023 – To June 2024

#### Roles & Responsibilities :

- Desing & Drafting Graphite equipment , Heat Exchangers , Shell & Tube Type, monoblock, Cooler, Condenser, Heater
- GA Drawing , Assembly & Sub-Assemblies, GD&T.
- Details of Shells & Steel Parts, For Fabrication Welding,MOC,
- BOM preparation, Material Standards.
- Gas Synthesis Units (piping layout, P&ID)
- pipe Fitting , Flanges, Fasteners etc.
- Reverse Engineering For Assembly Section.
- Project co-ordination with internal team.

### [3] HRS Process Systems Ltd. Pune,Maharashtra

Designation – Draughtsman Mech.  
June 2024 – To Present

#### Roles & Responsibilities :

- ASME/TEMA Standard, Fabrication with Welding ,GD&T Symbols, GA Drawing , Tubesheet layout, OTL, tube Pitch, Baffle Details , Calculation for Detailing, Assembly & Sub-Assemblies, BOM preparation. Material Codes.
- GEP, ASME,TEMA Standards.
- SS/Exotic Material of Construction Heat Exchangers, (SS 304, 316, 319, Hastelloy, Titanium, C276, Inconel etc.)
- Weld Overlay, Tounge & Grove Flanges.Weld map for HE.
- Knowledge about Material Code as per ASME Standard.
- Gaskets:- Metallic, Non Metallic. Composite, Spiral Wound.