



## PROFILE

Technical aptitude with strong quantitative skills. Proficient in CAD software. Ability to Draft. Great communication skill and ability to work in a team. Detail – Oriented to ensure compliance.

## CONTACT

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## HOBBIES

- Drawing
- Photography

# SUMEDH DEELIP ZAVARE

## Thermal Design & Proposal Engineer

### EDUCATION

#### K.E.S. Mehendale Highschool Roha.

2013  
SSC

80.60%

#### K.E.S. Mehendale Jr College Roha.

2015  
HSC

52.93%

#### G.M. Vedak Institue Of Technology Tala.

2019  
BE Mechanical

CGPA 6.85%

#### CAD CAM Guru Pune

2020  
CAD Engineering

### WORK EXPERIENCE

#### Enginemates Heat Transfer Pvt. Ltd.

-Thermal Design & Proposal Engineer(01/07/2021–Present)

- Thermal Design of Air Cooled Heat Exchanger
- Estimation Of Exchanger
- Techno-Commercial Offer
- Visit site for collecting data for design
- Communicating with the stakeholders and clients.

#### Vikas Institute Educator

-(1/1/2018- 30/5/2019)

Part time working as Educator for subject Of Engineering Drawing.

### SPECIALISATION

Completed 6 Months 'CAD Engineering' course at CADCAMGuru solutions Pvt. Ltd Pune.

### TECHNICAL QUALIFICATION

CAD Engineering; GD&T Application, Part Modeling, Surfacing, Sheet Metal, Assembly, Drafting, BOM, Boolean Operation, Re-Mastering, A-B-C conversion.

## SOFTWARE SKILL

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- CATIA
- CREO 3.0
- Siemens NX
- SOLIDWORKS
- ZW CAD
- HTRI (Xchanger Suite)
- MS-CIT

## ACADEMIC PROJECT

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- **Name of project: Fatigue life estimation of wheel rim by Finite Element Method.**
- Project duration: July 2018 to May 2019.
- Project description: The project involves Modeling of rim and Analysis of wheel rim by Finite Element Method. The main objective of the project to calculate fatigue life cycle.
- Software used: CATIA, ANSYS Workbench

## MINI PROJECTS

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- **Title: Stub Axel (CREO 3.0).**  
Description: Part modeling, Drafting, Study of material.
- **Title: Sheet metal component by using Surfacing (Siemens NX 9.0).**  
Description: Surface modeling, Drafting, Study of material
- **Title: Style conversion into mechanical part (CATIA V5)**  
Description: Class-A surface is given as input. Formation of Class-B surface and Class-C surface.,  
Convert this conversion into Solid body and Draft Analysis.
- **Title: Square tool post (CATIA V5)**  
Description: Part modeling, Assembly, Drafting, Application of GD&T, Study of fitment, Study of material.

## INTERNSHIP AND WORKSHOP

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- Study on "Diesel locomotive and workshop activities" organized by Central Railway Loco Workshop from 20th Dec 2017 to 07th Jan 2018.
- Water Rocket organized by G.I.T. Lavel in national level technical festival SHODH-2016 Held on 19th to 20th March 2016.
- IC Engine and automobile protoyping organized by Aerotrix form 29th june to 4th july 2015.
- Rc car organized by Aerotrix from 29th June to 4th july 2015.

## STRENGTHS

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- Hard & Smart working ability.
- Positive Thinking.
- Effective and Efficient.
- Quick Learner.