



AKSHAY UNDE

Design Engineer

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Bhosari stop , Pune 📍

Pin-410501.

08th April, 1997 📅

<https://www.linkedin.com/in/akshay-unde-> in

A motivated individual with in-depth knowledge of Design Tools and Manufacturing Processes, seeking a position in a growth-oriented company where I can use my 3+ years of experience to the advantage of the company while having the scope to develop my own skills.

PROFESSIONAL SUMMARY

- Having 3.5 Years of experience in **automotive plastic components and Tooling Design**.
- In-depth knowledge of design software like **CatiaV5** and **UG-NX** etc.
- Working experience on **Seating domain, Fixture Design and conceptual design**.
- Hands on in **part design, assembly, Surfacing and Sheetmetal** etc.
- Provide technical support and guidance to junior engineer, facilitating their professional growth.
- Communicating with customer and suppliers to resolve design issue.
- Having experience on **A to B conversion**.
- Developing models and Designs from conceptual inputs.
- Good knowledge of **Draft analysis**.
- Creation of fully parametric part from given dump part. (**Remastering**)
- Creating **Power point presentation** for conceptual design.
- Comprehensive knowledge of Product Lifecycle Management and computer-aided engineering.
- Good knowledge of manufacturing and assembly processes.
- Having knowledge about **GD&T symbols** & its implementation.

Work Experience: -

1. Tata Consultancy Services.

August 2022 – October 2023

Work Profile –Design Engineer (Software Catia V5)

- Responsible for timely completion of project specifications, design, drawings.
- Areas of responsibility assigned and participate in internal design and engineering reviews.
- To Design various automotive Plastic Components for quotation purpose.
- Detailed drawing by implementation of GD&T Symbols.
- Creating draft analysis of various plastic components for checking undercuts and manufacturing feasibility.
- Checked manufacturing feasibility and performed required final correction, detailing done as per the standard.
- Working on cushion pan, Seat mounting brackets and seat back panel.

2. Magana Seating, Bhosari. (GNS Engineering India Pvt Ltd)

April 2022 – June 2022

Work Profile – Design Engineer. (Software Catia V5)

- Design 3D plastic parts for quotation purpose.
- Creating bill of materials and manufacturing drawings with appropriate GD&T.
- Creating excel sheet for to detail out the multiplate which are present inside seat.
- Making power point presentation of various parts with Draft analysis.
- Considering plastic defects like sink mark, warpage and removing or minimizing as much as possible.
- Working on various components like seat back panel, cushion & back wires, Side member, Recliner mounting brackets, Riser brackets, Stopper brackets, side valance cover mounting brackets, cushion pan and Seat mounting brackets, etc. as per requirements

3. Tara Tools Bhosari, Pune.

May 2021 - March 2022

Work Profile - Sr. Design Engineer. (Software Catia V5/ UG -NX)

- 3D modeling of checking fixture as per customer specification sheet.
- Lock the part using existing datum by 3-2-1 principle.
- Design 3D model by optimum use of Material and manufacturing processes
- In the 3D generating Flush and Gap for the Matching surface with other parts.
- Release 2D drawing for manufacturing of checking Fixture.
- After approval of design make 2D drawing by using Tolerances, GD & T symbols and Machining symbols for easy understanding to manufacturer for manufacturing
- Coordinating with CFT team while designing to identifying the difficulties for manufacturing and for checking in CMM and also Assembly point of view
- Make checking provision for holes on part by pins, Go - Nogo Gauges.
- Review of 3D model with customer for approval and give best suggestion to customer for easy part checking

Project handled

- | | |
|-------------------------------|-------------------------|
| • HOOD INNER | CUSTOMER: NAGATA |
| • FRONT_DOOR. | CUSTOMER: HONDA |
| • REINF_COMP_ROOF_SIDE_R_L | CUSTOMER: SKH |
| • HOOD OUTER. | CUSTOMER: NAGATA |
| • PANEL_WHEEL_HOUSE_OUTER | CUSTOMER: CEARS |
| • BOWL_COVER | CUSTOMER: RELIBALE |
| • MAIN_FLOOR | CUSTOMER: SUZUKI MOTORS |
| • BASE_COMP_FLOOR_CONSOLEREAR | CUSTOMER: IAC |

4. Yamatech Pvt Ltd

Aug 2020 –Apr2021

Design Engineer. (Software Catia V5, UG-NX)

- Designing of plastic fixtures.
- 3D Finish and Concept designing.
- 2D layout & detailing.
- Preparing & managing Bill of Material (BOM) for procurement.
- Good knowledge of manufacturing and assembly process.

○ EDUCATION:

- | | |
|--|--------------------------|
| • BE (Mechanical Engineering)
Savitribai Phule Pune University | CGPA-7.15
2015 - 2019 |
| • HSC
Shri shiv Chhatrapati College, Junnar | 63.23%
2013 - 2015 |
| • SSC
Annasaheb Awate Vidyamandir, Junnar | 83.45%
2013 |

○ CERTIFICATION AND TRAINING:

- **Certified Course Master Diploma in Product and Tool Design (EduCADD Pune)** Aug-2019 to March 2020
- Good knowledge of Remastering and A to B conversion.
- Attending training on ISO 9001:2015 quality management.
- Attend Three Days MCED Workshop.
- Attended five days' workshop on a Four Stroke IC Engine Assembly and Disassembly

○ SKILLS & INTRESTS:

- Problem solving ability.
- Quick learner and eager to learn new things.
- Hard working, self-motivated, polite.
- Interested in BIW and Plastic product design.

○ Personal Details:

Name	: Akshay Daraku Unde
Permanent Address	: At-Ralegan, Post-Aptale, Tal-Junnar, Dist-Pune, Pin-410502
Marital Status	: Single
Gender	: Male
Languages Known	: English, Hindi, Marathi

○ Declaration

I hereby declare that the above information is correct up to knowledge and belief.

Thank you

Date: / /2023

Place

Akshay D. Unde