

MAN PATEL

Automotive Design Engineer

Qualification : BE Mechanical

patelman2008@gmail.com

7600820912

CAD Software : Catia V5

Domain : Automotive Interior-Exterior Plastic Trims

PROFILE SUMMARY

Automotive plastic design engineer with 3+ years of experience. as an automotive design engineer my job involves the design, development, and release of automotive interior-exterior trim parts, creating 3D CAD and 2D drawings. a thorough understanding of plastic part manufacturing and product development. I am always looking forward to learning new things in the field of automotive & other related sector. I want to grow as a human and as professional, everyday.

WORK EXPERIENCE

EDAG PS India Pvt Ltd, Ahmedabad

Dec-2022 - Present

- CAD Engineer

Projects

- VW311/313/316-6 : Design of exterior car plastic parts
- SK216 & ID Buzz 2.0 : Design of Interior car plastic parts
- VW : Seat valance cover (Complete project ownership)
- Bugatti : 2D of Seat & floor
- **Parts I've worked on Such as,** A-B-C pillars, Side spoiler, Door cover, Bumper, Rocker panel, Fender cover, Wheel arch liner, Wheel cover, Air guide part, Step brackets, Assy shelf side, Tailgate trim, Wheelhouse trim, Valance cover, Panel back trim, Sill cover, Luggage compartment, Filter cover, Switch bezel.

ROLES & RESPONSIBILITIES

- Analysis of strak surfaces (analysis like..Tooling, Tangency, Join, Curvature).
- Close volume creation of automotive trims.
- 3D modeling, surface design and drawing creation.
- Creating engineering features (Dog house, snap, boss, locator..) on B Surfaces.
- Creating Tooling line, Slider direction & parting lines.
- Part feasibility check for manufacturing guidelines.
- Use Power copy command for easy to part development.
- Modification of parts as per customer & standard requirements.
- Creating parametric data for modifications.
- Study of environments for our part design (Product CCC analysis)
- Creating PCA, DMU, LI, RE, Release, Checklist, Lesson Learnt Files.

PROFESSIONAL STRENGTH

- CATIA V5 (Part modeling, Surfacing, Drafting)
- Ability to understand part design history
- Know about automotive domains
- Knowledge of : GD&T
 - : A B & C Class surfaces
 - : Plastic part design guidelines
 - : plastic mfg process and plastic materials

TECHNICAL SKILLS

- Know about : Siemens NX, Autocad, Solidworks, Creo
- Engineering Drawings
- Product Design
- Project Management
- Ms Office
- Know about Mechanical Instruments

TRAINING & CERTIFICATION

- **JM Cad Engineering Solutions , Ahmedabad [1st Jun-2022 - 1st Aug 2022]**
I successfully completed the training of mechanical design softwares (Autocad & Solidworks)
- **Asian Mills Pvt Ltd [Feb-2022 To April-2022]**
Production quality engineer trainee : Measurement Of Pipe/Tube With Mechanical Instruments & make Quality Report & Other Field works.
- **ONGC Mehsana,Gujarat [June 2021]**
Project title : Analysis of ONGC & Study of equipments (21 days internship as a student)

PERSONAL INFORMATION

- Date OF Birth : 20/08/2001
- Gender : Male
- Marital Status : Single
- Language Known : English, German-Basic, Gujarati, Hindi
- Nationality : Indian

ACADEMIC DETAILS

Course	School(Board) & College(University)	Year Of Passing	Percentage/CG-PA
B.Tech [Mech Engg]	Smt S R Patel Engg College , Unjha (GTU)	2022	8.90 CGPA 84.55%
12Th [HSC]	MRS Govt High School , Unjha(GSHEB Gandhinagar)	2018	70.12% (PR 81.77) / 7.4 CGPA
10Th [SSC]	Shri K. J. Patel Smvm. Unjha(GSHEB Gandhinagar)	2016	73% (PR 92.48) / 7.68 CGPA

I hereby declare that all the information given above is correct to the best of my knowledge and belief.

Date : -
Place : -

Your Faithfully
Patel Man V