

Kaushalya V. Bhatekar

Contact

Design Engineer
BE Mechanical

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OBJECTIVE:

Seeking career opportunity in plastic product domain and development preferably in automobile sector which offers challenging tasks and where constant up-gradation of knowledge is possible.

WORK EXPERIENCE:

Organization : SIS Facilities India Pvt. Ltd. Pune.

Domain : Automotive Interior Design in CATIA V5.

Job Title : Design Engineer since 9 January 2017 to Till.

- Total experience **2 year's** in design & development of Automobile Interior Trims (**Plastic parts design in automotive domain**). Good experience in CAD Platforms like **CATIA V5R21** software.
- Good knowledge of designing automotive Interior trims (Door Panel).
- Involved in varies type of projects in all aspects of implementation and carrying out of detail design considering manufacturing feasibilities as well.
- Good problem solving and decision-making capabilities, coupled with excellent communication and interpersonal skills.

KEY SKILLS:

CATIA V5R21, Plastic Product Design, Interior Trims, Product Development, 3D Modeling, 2D Drafting, Surface Modeling, Generative Shape Design, Car Door, Center Console, tooling, GD&T.

ROLE & RESPONSIBILITIES:

- Responsible for the design of the parts of the respective zones w.r.t the project input by the Customer Design Leader/Product Design Engineer/Counterpart.
- Follow the work description sent by the counterpart.
- To have effective communication with SIS Facilities counterparts (Product Design Engineers) using appropriate tools (Tele conferencing, emails or presentation).
- To be able to participate in design reviews.
- Follow the systems and procedures of SIS Facilities.
- Meet SIS Facilities expectations in terms of quality, cost and delivery of projects assigned.
- Complete the assignment within the estimated time on or before the decided delivery date.
- Ensure regular and timely timesheet punching and approval.
- Anticipate the potential issues regarding assembly, tooling, design flaws, etc and intimate the customer design leader.
- Be innovative and propose various design solution.
- To respect shift schedule and timings.

WORK DESCRIPTIONS:

- Remastering of non-parametric brackets into parametric brackets.
- Optimizing design with respect to design parameters, BOM, material mold ability, packaging, Gap-Flush required application and other technical, ergonomic or aesthetic required application and other technical, ergonomic or aesthetic requirements and safety norms.
- To study the technical solutions for various parts for assembly, tooling and process feasibility.
- To ensure that there is no clash, no undercut, no pending points, no deviation from A-surface and use of standard interfaces or templates.
- Follow the work instructions and work descriptions given by the project lead engineer.

TECHNICAL SKILL SET:

- Good Knowledge of Design Guideline for Plastic Molded Parts, Plastic Materials, Injection Molding Process, Tooling, defect in plastic molding, welding of plastic etc.
- Surface creation & 3D Parametric CAD Design & Modification.
- B side feature development & tooling feasibility checking & considering the undercut & the use of lifters & sliders.
- Design & Development of 3D model according to Master section creation.
- Non-parametric to parametric design & Powercopy Creation by using features place in part.
- Converting the data from STEP, IGS files, data conversion.

MAJOR INTERIOR TRIMS PROJECTS:

TITLE (P1) : MAP POCKET IN LH SIDE DOOR TRIM

- SCOPE OF WORK: Checking for Tooling feasibility, Creation of B side Fixation features, Close volume, Creation of Flanges, draft analysis, clash analysis, Undercut clearance, B side features design like Rib, Surface Replacing etc.

TITLE(P2) : DOOR TRIM CARRIER (LOWER SUBSTRATE)

- SCOPE OF WORK: Extracting class, A surfaces within the given tolerance & checking for feasibility, developing class B surface, closing surface, B side feature, draft analysis etc.

TITLE(P3) : GRAB HANDLE LH DOOR TRIM

- SCOPE OF WORK: Extracting class, A surfaces within the given tolerance & checking for feasibility, developing class B surface, closing surface, B side feature, draft analysis etc.

EDUCATIONAL DETAILS:

QUALIFICATION	BOARD	YEAR OF PASSING	GRADE
BE(Mechanical)	Solapur University	2015	60.47%
HSC	Maharashtra Board	2011	63.67%
S.S.C	Maharashtra Board	2009	73.57%

CERTIFICATIONS:

- Completed course Personality development PMKVY.
- CATIA V5R21.
- Auto CAD.

HOBBIES:

- Drawing (Animals, Nature)
- Photography.
- Driving.
- Cooking.

PERSONAL INFORMATION:

Date of Birth : 30-April-1993

Nationality : Indian

Languages known : English, Hindi, Marathi.

Present Address : V.S.Akolkar, Dattwadi, Akurdi, Pune-411028.

Permanent Address : Shivane (shelakewadi), Tal- Sangola, Dist- Solapur, Maharashtra,
Pin Code- 413307.

DECLARATION:

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Date :

Place: Pune

Yours Sincerely

Kaushalya Bhatekar.