

AKSHAY DHRUWAS PATIL

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Experience: 6.4 Years

CAREER OBJECTIVE:

I look forward to work in an environment which provides a scope to apply my knowledge and skills that would help me to contribute my best to the organization.

SOFTWARE AND TECHNICAL SKILL:

- Hands on experience on **UG NX** automotive plastic product design and development.
- Hands-on with Part design, Surfacing, Assembly and Drafting in **UG NX**.
- Class A surface feedback like Feasibility checking, Draft Analysis, checking GAP and FLUSH condition, Gap plan, as per surrounding all parts.
- Generate B surface from the given class A surface with master sections.
- Created various B side features with respect to RPS and provide sliders and lifters.
- Creating the parting line with respect to tooling, slider and lifter direction.
- Maintaining CAD quality of plastic parts and avoiding plastic defects.
- Maintaining proper gap & flush with respect to the surrounding parts.
- New Class A surface update (replace surface)
- Boolean operation, power copy, 3-2-1 principle (RPS).

WORKING EXPERIENCE:

Company Name : Faurecia India Pvt Ltd, Bhosari, Pune.

PROGRAM NAME: STELLANTIS EJ IP LHD and RHD

PARTS DETAILS: Console close out LH & RH, Driver ,Pass & Center Applique, End Cover LH & RH, RETAINER

Designation: Design Engineer

Duration: Aug 2022 to Dec 2023

Roles and Responsibilities:

- Study of customer inputs i.e Studio.
- Surface quality checking of given Class A surface.
- Studio analysis.
- Gap and flush analysis, Environmental clash analysis.
- Generated the B surface from the given A surface with master sections.
- B surface feature design and checking for tooling feasibility
- Adding Sink Mark trap.
- Draft analysis study on final body.
- Providing the solution for undercut & sink mark traps.
- Part Build-up as per Customer requirement and environment.

Company Name : Virtual Simutech Pvt Ltd, Bavdhan, Pune.

Designation: Design Engineer

Duration: Dec 2020 to Aug 2022

CLIENT NAME : Lear Corporation

PARTS DETAILS: Side cover LH & RH

Duration: June 2022 to Aug 2022

Roles and Responsibilities:

- Applying remastering methodology to design and develop parts from dump body.
- Maintaining proper history.
- Checking all tooling feasibility.
- Changes & modifying the model according to client requirement.

CLIENT NAME: Tata Technologies Ltd, Hinjewadi, PUNE

PROGRAM NAME: P13A_MC_IP_LHD_NISSAN

PARTS DETAILS: FIN B ASSIST, CLUSTER 7 AND 12
INCH

Duration: October 2021 to May 2022.

Roles and Responsibilities:

- Study of customer inputs i.e Studio.
- Surface quality checking of given Class A surface.
- Studio analysis, Fit and finish sections report.
- Gap and flush analysis, Environmental clash analysis.
- Generated the B surface from the given A surface with master sections.
- B surface feature design and checking for tooling feasibility
- Adding Sink Mark trap.
- Draft analysis study on final body.
- Providing the solution for undercut & sink mark traps.

CLIENT NAME: Magna Steyr, Bavdhan, PUNE

PROGRAM NAME: L02D_LIFT GATE

PARTS DETAILS: Outer Panel, Inner Panel, Trim Cover, Access Cover

Duration: June 2021 to October 2021.

Roles and Responsibilities:

- Surface quality checking of given Class A surface.
- Studio analysis, Fit and finish sections report.
- Gap and flush analysis, Environmental clash analysis.
- Generated the B surface from the given A surface with master sections.
- B surface feature design and checking for tooling feasibility

PARTS DETAILS: Door Trim, Map Pocket

Duration: Dec 2020 to May 2021

- Study of customer inputs i.e Stark data.
- Surface quality checking of given Class A surface.
- Draft analysis, Join analysis, Tangential Analysis, Clash analysis
- Generated the B surface from the given A surface
- B surface feature design and checking for tooling feasibility

Organization: TNA Technologies, Dapodi

Company Profile : Onsite recruiting and Techno consulting company.

Designation: Design Engineer

Duration: Nov 2017 to April 2020

CLIENT NAME: Shape Corp, Aundh

PROGRAM NAME: NISSAN P42R , P33B, P33A,P42Q

PARTS DETAILS: Front Energy Absorber, Rear Energy Absorber

Duration: Nov 2017 to Mar 2020

Roles and Responsibilities:

- Study of customer inputs i.e Stark data.
- Surface quality checking of given Class A surface.
- Draft analysis, Join analysis, Tangential Analysis.
- Gap and flush analysis, Environmental clash analysis.
- Generated the B surface from the given A surface with master sections.
- B surface feature design and checking for tooling feasibility

DECLARATION:

I consider myself familiar with mechanical design and analysis aspect. I am also confident of my ability to work in a team at any place. I hereby declare that all the data given above is correct up to best of my knowledge.

Date:

Place: Pune

Akshay Patil