Aarish Tamboli

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SUMMARY

Seeking a challenging and rewarding opportunity in an organization of repute which recognizes and utilizes my true potential while nurturing my analytical and technical skills.

PROFESSIONAL SUMMARY

- **Expertise in CATIA V5** - Part Modeling, Generative Shape Design, Sketch, DMU, Assembly, Drafting and Detailing modules, Q-Checker.
- **Understanding Client requirements** and design accordingly with proposals and modification.
- **Class A Surface Feasibility**- Graining, Curvature, Draft analysis, merging, Gap and flush checks.
- Prepare **Master Sections.**
- **Create parametric model** with integration of **Engineering features** including all the Locators and Fixations.
- Part build-up considering with **Tooling feasibility and Plastic defects**, adding sink mark trap.
- **Remastering** of dump parts.
- Extract Parting lines for part and features considering **Main Tooling direction and Slider/Lifter**.
- Knowledge of **DFMEA & DFA**.
- Understand the feasibility of component from tooling and quality point of view and **Making Proposal** for changes required.

ORGANIZATIONAL EXPERIENCE

Current Employer: Autoone Engineering Services Pvt. Ltd. Pune
Client: Grupo Antolin
Designation: Design Engineer
Duration: Nov 2021 to till date

WORKING PROJECTS
Program 1: Interior- Instrument Panel
Project Part: Driver Side Lower (DSL), Center Duct (Air Distributor), Smart light. Defrost, Center Lower Panel
Tool: CATIA V5

Roles and Responsibilities

- Study Class A surface and perform Graining & Draft Analysis.
- Understand client requirements and make proposal sections considering environment.
- Align with CFT for understanding environment and mountings.
- Benchmarking from available data.
- Create parametric model with features considering tooling.

- Adding Fixations considering RPS and providing ribs for strengthening and box effect.
- Remastering features.
- Create parting line for main tooling and slider/lifter.
- Flange creation considering gap requirement.
- Perform Clash Analysis and create reports.
- Make proposals for modifications requirement from client.

Program 2: Interior - Door Trims
Project Part: Top Roll, Map Pocket Outer, Map Pocket Inner, Armrest
Tool: CATIA V5

Roles and Responsibilities

- Study Class A surface and perform Graining & Draft Analysis.
- Understand client requirements and make proposal sections considering environment.
- Align with CFT for understanding environment and mountings.
- Benchmarking from available data.
- Create parametric model with features considering tooling.
- Adding Fixations considering RPS and providing ribs for strengthening and box effect.
- Remastering features.
- Create parting line for main tooling and slider/lifter.
- Flange creation considering gap requirement.
- Perform Clash Analysis and create reports.
- Make proposals for modifications requirement from client.

Previous Organization: **Asiatech Center Pvt. Ltd. Pune**
Duration: Jun 2019 to Mar 2020 **(Training)**

1. CAD Advance Course –**CATIA**
2. CAD Advance Course –**UG NX**

- Solid and surface modeling method for Automobile trims.
- Good knowledge of Injection molding and tooling.
- Good in 3D Solid and Surface modeling.
- Plastic Product Design Awareness.

Plastic Trims Technical Skill Set

- Plastic Product Design Awareness.
- Good knowledge of Injection molding and tooling.
- Good knowledge of assembly feature design.
- Good in 3D Solid and Surface modeling.
- Creating B surface from A surface.
- Remastering of plastic component.
- Redesign of plastic part with proposal and modification.

Previous Employer: Sunrise Instruments Pvt. Ltd, Pisoli, Pune
Duration: Jun 2017 to June 2019
Designation: Design Engineer
Tool: CATIA V5

Roles and Responsibilities

Assignment -1(Nitrogen and Tire Inflator)

- Getting input from different technical reviews and improving the Design of Inflator and Nitrogen cabinets.
- Verification of prototype and improving Design as per requirement.
- Generating 2D&3D Sheet Metal model as per outlined.
- Creation of Assembly, Sub assembly and their drawings.
- Preparation of engineering drawing and applying GD&T symbols and Tolerance according to functional requirement.
- Conducting meetings with suppliers for new cost reduction ideas.

Assignment-2(Smart Inflator with Compressor)

- Created 3D &2D of Inflator PCB housing and various Compressor parts assembly and their sub assembly according to Functional requirement.
- Preparing BOM
- Managing suppliers on technical ground.
- Ensure part Quality (Aspect /dimension /fit and finish) as per requirement.

Previous Employer: Pragati Enterprises
Duration: July 2016 to May 2017
Designation: Trainee Engineer

Roles and Responsibilities
- Generated technical drawings using a computer aided drafting system (AutoCAD).
- Worked with production and planning group to layout proper designs.
- Organized and maintained files for all facilities and project documentation.
- Modified designs to correct operating deficiencies and reduce production problems.

QUALIFICATION
- **Bachelor of Engineering (Mechanical),** 2016
  Rajgad Dnyanpeeth's Shri Chhatrapati Shivajiraje College of Engineering, Pune
  Pune University
- **H.S.C.** 2010
  Gopinath Jr Collage Varvand, Pune; Maharashtra State Board
- **S.S.C.** 2008
  Bhanoba Vidhyalay Kusegoan, Pune; Maharashtra State Board

Software knowledge/ IT Skill

 Proficient with CAD Software:
AutoCAD: Completed certified course at **MSME Indo German Tool Room Pune**. (From 16 June 2016 to 02 July 2016)

CATIA & NX:
Completed certified course at **Asia Tech Center PVT. LTD. Pune.** (From June 2019 to Dec 2019)

Other Software:
MS Office
Creating reports using excel, having good commend on formula functions & bar chart, using power point create presentation.

PERSONAL DETAILS

Current Address	: Kondhwa, Pune.
Permanent Address	: A/P Patas, Tal- Daund, Dist- Pune.
Date of Birth	:28th May 1992
Marital status	: Married
Languages	:English, Hindi, Marathi

DECLARATION

I do here by declare that the statements mentioned above are true to the best of my knowledge and belief.

Place:

Date:

(AARISH TAMBOLI)