



# EXPERIENCED IN PLASTIC AND SHEETMETAL PRODUCT DESIGN

## GARA SRIKANTH

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📍 **Permanent Address:-**  
8-272/8/1, Vuda Colony,  
Gopalpatnam, Dist-  
Visakhapatnam, A.P  
India. Pin-530027

📍 **Current Address:-**  
Flat 405, Bin shana grocery  
Building, Abu Shagara,  
Sharajah, UAE.

**Knowledge of :** GD&T, CNC  
PROGRAMMING IN SEIMENS  
CONTROLLER. PLM :- basics of  
Siemens 9.0,10.

### Design Software :

**CAD:** AutoCAD-2004-2010,  
UNIGRAPHICS, CATIA, CREO,  
SOLIDWORKS.  
**CAE:** ANSYS , HYPERMESH.

## CAREER OBJECTIVE

To contribute and grow in an organization through my skills and experience. I would like to be an excellent asset to my organization through my strong commitment to organizational goals and aptitude for learning, team-working and customer focus.

## WORK EXPERIENCE

### 1. Maico gulf LLC, Ras Al Khaimah, UAE.

Duration:- June 2018 to present.

Designation :- Product Design engineer

**CAD Software:** - CATIA, Solidworks.

## ROLES AND RESPONSIBILITIES

- Design industrial blowers and manufacture them.
- Do DFM and DFA check before manufacturing.
- Release production drawing.
- Coordinate with suppliers for machines and Material required for the project.
- Coordinate with production process to avoid excess production cost and time (KAIZEN).
- Support 5S in factory and at work place.
- Develop the products by studying the working of the product and customer requirement.
- Prepare and analyzing process plan with the production team and improve the production level.
- Maintaining the Inventory.
- Coordinating the material with respective to the SO's, DO's and PO's.
- Material storage management.

### 2. Working in Autoone Engg Services Pvt Ltd, Pune.

Duration:- April 2016 to May 2018

Designation :- Design engineer

## Areas of Expertise:

- Design of automotive seating components remastering .
- Design & Development of Automotive plastics trims
- Data and workflow management in PLM.

## ROLES AND RESPONSIBILITIES

- Make Fully Parametric Components using 3D modeling and surfacing.
- Developing style surface and create closed body with respective to the master section.
- Maintaining uniform thickness throughout the component.
- Design the B-side features and check for undercuts.
- Use of Locators, Clip Towers, Lifters and Sliders wherever they are required.
- Assigning features with respective to RPS system considering 3-2-1 principles.
- Check the Draft analysis, clash analysis reports and modify the components accordingly.
- Assembly & 2D detailing with GD&T.
- Study the tooling feasibility and implement the changes in Part Design as per Tooling Impact.

## **Working Projects:**

### **Clients:-**

1. Yanfeng automotive interiors (India)
2. IAC (India)

### **OEMs: -**

DAIMLER, CRYSLER, VE Tiguan (VW), Nissan, Daimlar\_Frightliner.

### **Trims Developed:-**

Arm Rest Crome, Applique, Ds Remote Ambient Light Shroud, Speaker Grill Ring, Topper Pad, Gitter, Radio Facade, Switch Bezzle, Visiere, Facade Clam, Speaker Grill, Lower Trim, Map Pocket, Headliner.

### **CAD Software: -**

NX- 11, NX- 8, NX- 9, CATIA V5.

### **Role in projects:-**

RFQ, Master sections, Developing component, Tooling feasibility and assembly analysis, Drafting and data management.

### **Roles and Responsibilities:-**

- Doing feasibility study of plastic trims with respective master section.
- Develop these trims in 3d software and check the DFM and plastic defects.
- Providing solution for undercuts, sink mark issue.
- Make B side interface with respect to environment components.
- Adding B side features like clip tower, snaps and locator by considering RPS.
- Adding strengthening rib, resting ribs and interfaces based in the component.
- Adding sliders, lifters directions with respective to MTD.
- Prepare reports like draft analysis, comparison report, clash analysis.
- Comparison between the new and old revisions of the component.
- Prepare RFQ with respective to the project.
- Modify the components as per customer requirements and tool feasibility.
- Extract parting line with respective to tooling feasibility.
- Maintain Project Data in server and workflow in PLM according to revisions and stage of the components.
- Adding slider, lifter directions with respective MTD if required.
- Drafting.

## **2. RRADIANT ENGINEERING SERVICES,**

### **Visakhapatnam, Andhra Pradesh.**

**Duration:-** April 2015 to March 2016.

**Profile:-**Junior design Engineer.

**CAD Software: -** Creo, Solidworks

### **Job Description-**

1. Responsible for Designing components for clients with respective to they required software.
2. Designing cad models for customers.
3. Generating PARAMETRIC CAD MODEL FROM DUMP.

### **Job Profile-**

- Design components from 2D to 3D.
- Loading study of parts with respective to given tolerances.
- Part Build-up as per Customer requirement and environment.
- Modification as per customer requirements.
- Drafting with respective to GD&T.

### **TRAINING PROGRAM**

Attended for a Master Certificate Training in cad design.

**College: - Central Institute of Tool Design, Hyderabad.**

### **EDUCATIONAL CREDENTIALS**

- Bachelor of Mechanical Engineering, **2013**, Andhra University, India.
- H.S.C (MPC) 2009 Board of intermediate, India.
- S.S.C 2007, Andhra Pradesh Board, India.

### **EXTRA-CURRICULAR ACTIVITIES:**

- Second place in Basket Ball B Zone.
- Second place in inter branch Basket Ball tournament in college.

### **DECLARATION**

I hereby declare that the information given above is true to the best of my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

**Date:**

**Place: Sharajah (UAE)**

**Signature**