

# VENKATA SAI AJAY KUMAR PEDDI

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## CAREER OBJECTIVE:

To secure a challenging position as an Automotive Design Engineer in a reputable automotive company where I can utilize my technical expertise, creativity, and passion for automotive design to contribute to the development of cutting-edge vehicles. I aim to leverage my skills in 3D modeling, concept ideation, and engineering principles to create innovative and aesthetically pleasing designs that meet both functional and market demands. By collaborating with cross-functional teams and staying updated with industry trends, I aspire to play a key role in shaping the future of automotive design and delivering exceptional vehicles that enhance user experience and push the boundaries of innovation.

## EDUCATIONAL QUALIFICATIONS:

- Graduated as a Mechanical Engineer in 2019 from Pragati Engineering College, Surampalem with 74% marks.
- Completed Diploma in Mechanical Engineering in 2016 from VKR and VNB Polytechnic College, Gudivada with 90% marks.
- Completed 10th class in 2013 from Divya Teja Public School, G.Mamidada with an 8.5 GPA.

## PROFESSIONAL CAREER:

### Work Experience: 1

- Served as WARD AMENITIES SECRETARY in Samalkot Municipality as Andhra Pradesh State Government Employee from **Nov 2019 to Oct 2022**.

### Work Experience: 2

- Worked as **Engineering Intern** for Skill Lync from **27-01-2023 to 27-04-2023**.

### Work Experience: 3

- Working as **Trainer for Automotive Plastic Design Engineering** in Educadd Deccan, Pune from **May 2023 to till date**.

## TECHNICAL SKILLS:

- Theoretical Knowledge of various Plastic Manufacturing Processes.
- Catia V5 R21.
- UGNX 12.0.
- GD & T.
- Auto CAD Certification by Autodesk.

## **PROJECT: Cabin Trims: Door Panel.**

- **INPUT:** CAS, MTD, Merging Distance
- **OUTPUT:** Parametric Model with all Analysis Reports.

## **ROLES AND RESPONSIBILITIES:**

### **1. Primary:**

- Style Feasibility: CAS Analysis, Geometry Analysis, Draft analysis, Curvature analysis.

### **2. Secondary:**

- Creation of B surface as per the given variable/uniform thickness of the client.
- Analysis of B surface and eliminating B side error that may come during designing & manufacturing.
- Creation of Parting surface between A & B by extracting Environmental surface and creation of Closed Volume.
- Creation of Parametric B-side features at given RPS locations by the client.

### **3. Tertiary:**

- Analysis of parametric parts by means of F&F condition and applying GD&T for assembly purposes.

## **ADDED ADVANTAGE:**

- Knowledge of DFM, DFA, and DFS.
- Basic Awareness of GD&T
- Basic Awareness of 3D Printing.

## **PERSONAL DETAILS:**

- **FATHER NAME:** PEDDI VENKATA RAMANA,
- **DATE OF BIRTH:** 24-03-1998,
- **MARITAL STATUS:** UNMARRIED,
- **LANGUAGES KNOWN:** TELUGU, ENGLISH, HINDI,
- **ADDRESS:** D.NO – 12-57,  
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