

# Achyuth Kumar Valeti

# Automotive BIW Design Engineer

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%E3%82%A2%E3%8](https://www.linkedin.com/in/achyuth-%E3%82%A2%E3%8)

- Automotive Mechanical designer with experience in providing technical design direction on panel design for automobile doors and body in White.
- Good Knowledge in Door Hinge, Checker, Seal, Grommet, Impact Bars and Roof Parts Layout. Good Knowledge in Design of BIW(Roof) and Closure Parts(Front Door and Rear Door).
- Good Knowledge in Excel and Power point VBA macros.
- Good Knowledge in 3D and 2D model designing for parts and assemblies from CATIA V5, V6 and basics of NX.
- Backed by advanced skills in DFM, DFA best practices and CAD tools, ENICS, NPDM and VPM database systems.



## Experience in Designing

- Fender
- Splash Shields
- Front Door
- Rear Door
- Roof
- Partition wall



## OEMS Worked

- Mitsubishi Motors
- Renault
- Honda



## Work History

Sep 2021 -  
Dec 2021

## Technical Lead

L&T TECHNOLOGY SERVICES, Bangalore, Karnataka

- Technical lead of Front door involves in giving technical direction on panel design and Layouts of Honda Civic.
- Conducting weekly meetings with Onsite and making design modifications.
- Arranging components and schedule monitoring for different milestones.

May 2019  
- Aug 2021

## Design Engineer

RENAULT NISSAN TECHNOLOGY AND BUSINESS CENTER INDIA. Pvt. Ltd, Chennai, Tamilnadu

- Design and CAD conception of different variants of Roof, Partition wall for digital development of next gen Renault Master.
- Worked on various of SMC Roof, Plastic support console, Identical parts design studies, Concept Feasibility studies of steel Roof and Cross members.
- Conducting weekly meetings with CFT and making design modifications.
- Arranging components and schedule monitoring for different milestones.

Dec 2018 -  
May 2019

## System Engineer

TATA CONSULTANCY SERVICES, Bangalore, Karnataka

- Technical lead of Front door involves in giving technical direction on panel design and Layouts of New Mitsubishi SUV.
- Conducting weekly meetings with Onsite and making design modifications.
- Arranging components and schedule monitoring for different milestones.

Nov 2017 -  
Nov 2018

## Onsite Coordinator

MITSUBISHI MOTORS CORP, Okazaki, Japan, Japan

- Worked on door Master section study of hinges, checker, Grommet, latches, Side Sill, Roof, Belt-line and Sash areas for checking the feasibility of Styling Cut-line, Gap and flush.
- Styling, Cut-line, Door Seal change requests to CFT based on section studies.
- Creating layouts of door components such as hinges, Checker, Grommet, latches, outer seal and beams.
- Creation of Master sections for Panel design.
- Design of components such as panels, reinforcements, front and rear sashes.
- RFQ preparation for Supplier selection.
- Creation of Part Drawing, welding drawing and assembly drawings.
- Arranging components and schedule monitoring for different level CAE tests in each milestone.
- Coordinating Offshore activities, Schedule monitoring, Delivering data to CFT.

May 2017  
- Oct 2017

## System Engineer

TATA CONSULTANCY SERVICES, Pune, India, India

- Design and drawing creation of Fender Shield, Support brackets of Mitsubishi LCV.
- Creation and implementation of engineering change requests.

May 2015  
- May  
2017

## Assistant System Engineer Trainee

TATA CONSULTANCY SERVICES, Pune, India, India

- Design and drawing creation of Fender, Fuel Filler components of Mitsubishi Triton Facelift.
- Layout study of Wheel Arch Envelope Regulation.
- Design and drawing creation of support brackets, splash shields of Fender.
- Design and drawing creation of Fuel filler neck, Fuel Lid, surrounding brackets.
- Creation and implementation of engineering change requests.



## Education

**Aug 2011 - Apr 2015**    **Bachelor of Science: Mechanical Engineering**  
*R.V.R&J.C College of Engineering - Chowdavaram, Guntur*  
GPA - 9.18



## Certifications

**Apr 2018**    Basic level Japanese proficiency – Level 5



## Accomplishments

### **Spot award at TCS**

For creation of Standard CAD Catalog

### **Best Idea of process improvement Award at TCS**

For Automating "CATIA License usage tracking with excel macro".

### **Appreciation from GM and DGM at Renault Nissan**

For creation of Budget Tool, JALEX Automation using Excel and PPT macros



## Skills

CATIA V5, V6

◆◆◆◆◆  
Excellent

VPM

◆◆◆◆◇  
Very Good

NPDM

◆◆◆◆◇  
Very Good

ENICS

◆◆◆◆◇  
Very Good

NX

◆◆◇◇◇  
Average

Excel VBA Macros

◆◆◆◆◇  
Very Good

Powerpoint VBA Macros

◆◆◆◆◇  
Very Good

Python

◆◆◇◇◇  
Average

DFM

◆◆◆◆◇  
Very Good

DFA

◆◆◆◇◇  
Good



## Languages

English



Excellent

Hindi



Very Good

Japanese



Average

Telugu



Excellent