**CV, MURTHY VALAVALA**

**Vehicle Integration Engineer - Automotive**  
  
**Ph: +46 763256363 Email: murthy.mailme@gmail.com**

With Bachelor of Technology in Mechanical Engineering and 11 years of Automotive experience with CATIA as main tool and PLM Windchill, Teamcenter experience, I have extensive knowledge in Automotive Interiors and good competence in other areas.

At Hyundai Motors India, I worked as Design Engineer, where my role is to develop concepts in Instrument panel and Floor Console from Design to Production. Interacting with system suppliers using Design CAD, releasing drawings and verifying prototypes, co-ordinate testing's till the production are some of major activities done.

Currently in Sweden, I worked as Vehicle Integration Engineer at China Euro Vehicle Technology and Volvo Cars in packaging Cockpit parts and Door trims, Pillar trims providing technical CAD solutions using Catia and generating CAD templates

**Diploma in Electrical Driveline, from Yrkes Akademin gave me knowledge about sizing and requirement making of Electric machines, Battery systems, Cooling of motors, Power electronics and a complete overview of Driveline in Electric vehicles. Added with expertise in CATIA V5, I am very much interested in this role.**

Work Experience

2018 - Current Volvo Cars, Mechanical Integration

* Door and Side Interior area Packaging and integration
* Template leader in CATIA V5 – Interior plastic parts
* Cross Engineering team issues tracking and solution-oriented approach in Integration with Design inputs.
* Thorough and clear knowledge of individual parts,   
   in Packaging engineer capacity

2016-Mar 2018 **Assignment:** CEVT AB, Vehicle Integration - Compartment

* Concept of Compartment (IP, Floor Console, Seats, Carpet) Packaging for DMA platform
* Individual part analysis for packaging role using CAD
* Organising Vehicle Integration Meetings among Cross Functional teams and suggesting CAD solutions
* Organising ERC (Engineering Ready confirmation) and   
  Q-check events in Product Development process
* DPA check for the Engineering models in various stages of NPDS

2009 -2016 **System Engineer**, Instrument Panel, Console and Interior parts  
 Hyundai Motor India Engineering, India.

* Design and ​Engineering of Interior parts like pillar trims, Carpet, Headlining
* Design and Engineering of Instrument panel and Floor Console
* Making 3D and 2D drawings, evaluate it and release to the BOM
* PLM windchill data base maintenance for stages of Design
* Expert usage of CATIA V5 in Solid and Surface modelling along with other work benches Assembly, Quick surface, and Kinematics.
* Part data base maintenance support for Indian market
* Managing Internal testing’s for parts and reporting
* Support to the Assembly plant in PROTO, PILOT and SOP stages

Education & Courses

2020 **Electrical Driveline**  
Yrkes Högskola, Sweden

2018 **Agile and Lean development of Software products**Blekinge Institute of technology, Karlskrona

2005-2009 **Bachelor of Technology, Mechanical Engineering**,  
 Pondicherry University, Puducherry, India

2016 **Plastic Design,** GOTDESIGN, Gothenburg

2016 **Teamcenter and Vismockup**, CEVT, Gothenburg

Additional information

**Language:**English ( Fluent), Swedish (A2- Linkoping University), German ( Intermediate), Korean(Written and Read),

Hindi, Tamil( Spoken), Telugu ( Mother Tongue)