

Harivarman

Design Engineer

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- An enthusiastic and goal-oriented professional, targeting assignments as Design Engineer with a leading organization Industry
- Qualified B.E. in Automobile Engineering with experience of over 3 years in Design and Development of Agriculture & Construction Equipment
- Expertise in CREO 4.0, UG NX, CATIA V5, Solidworks and implemented Design Standards (ASTM, ASME, ANSI)
- Skilled in Sheet Metal, Casting Modelling and Detailing as per Manufacturing Process
- Successfully attained approval of design specification, drawings from various in-house departments
- Designed Sheet Metal, Casting and Machining parts as per client Case, New Holland Industrial Standards (Software- CREO 4.0)
- Good hands-on PLM software's like Enovia, Teamcenter and Engineering Central.



Skills

◆	Catia	◆◆◆◆◆
◆	UG NX	◆◆◆◆◆
◆	Tolerance and stack-up analysis	◆◆◆◆◆
◆	Enovia	◆◆◆◆◆
◆	2D and 3D modeling	◆◆◆◆◆
◆	Bill of Material (BOM)	◆◆◆◆◆
◆	CREO 4.0	◆◆◆◆◆
◆	Designing	◆◆◆◆◆
◆	GD & T	◆◆◆◆◆
◆	Microsoft Excel	◆◆◆◆◆
◆	Solidworks	◆◆◆◆◆
◆	Teamcenter	◆◆◆◆◆



Work History

Feb 2018 -

Design Engineer

Aug 2020

Caresoft Global PVT. LTD., Chennai, Tamilnadu
CNHi Inc

- Created **casting models** like blocks, hubs, cases, Cover assemblies and axel assemblies of case tractors and **creating drawings with application of GD&T**.
- Create Requested **Decals** and **installations drawings** for CASE tractor and construction equipment by using **CREO 4.0**.
- Design and development of various fits with also applicable of **Tolerance stack-up analysis** and GD&T.
- Created CAD models and drawings like **castings, sheet metal and plastics trims** for various uses of agricultural and construction equipment for CASE Industry
- Creating **3D welds for various chemical assemblies** used in CASE tractors and IVECO passenger vehicles.
- Creating baseline and Release products (drawings and models) by using PLM **Siemens Teamcenter**.
- Managing product data by using PDM software **Dassault ENOVIA** and also taking care of **product life cycle** promotion depending upon stages of product.
- Having working knowledge in DMU like **Teamcenter Visualization base 10.1** and also in **Teamcenter visualization mock-up 11.2**
- Creating **Hydraulics tubes and hose routing** and drawings for agricultural and construction equipment for CASE Industry.
- Reviewing of design requirements and identifying appropriate solution to develop models in fast manner with good quality.
- Provide **technical engineering support** and **project management** supporting for team to deliver drawings and models in quick pace.



Education

Jun 2013 -

B.E.: Automobile Engineering

Jun 2017

SSMIET, Dindigul, TN (Anna University)

- Graduated with 7.1 CPA
- Completed SSLC in 2010 with 78.2% from MSP.HSS, Dindigul, TN
- Completed HSC in 2013 with 80.2% from St. Marys HSS, Dindigul, TN



Accomplishments

- Received '**Pat on back – 2018 Q3 & Q4**' for achieving high quality of consecutive months of 3rd and 4th quarter of the year 2018.
- Received '**Rising star – 2018 Q2**' for quick understanding of the process and provide the extraordinary support in short term of time period to achieve team goals.
- Received '**Pat on Back – 2019 Q1 & Q2**' to extend the support depending upon the team requirement to deliver the file with in TAT.



Languages

Tamil



English



I hereby declare all the information provided above are true to my knowledge

[HARIVARMAN.VM]