



Sharathchandra

3.5 yr. of Experience

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Profile Summary

Mechanical design engineer with 3.5 years of experience of Product Design and development, Estimation of work packages by understanding the scope, Concept generation, Resolving prototype build issues, Supplier query, Design calculation, sheet metal design, Structural design, Reverse engineering & ECN ECR of off road vehicles (Industrial powered trucks and Aerial work platform).

Experience

ENGINEER | L&T TECHNOLOGY SERVICES | MAY 2018 – PRESENT

Project 1: *Forklift Support*

Currently working on Forklift product of **Industrial powered trucks** from 1.5 Yr.

- Resolving prototype build issues like Design of Seat Mounting bracket, integration of DPF with manual tolerance stack up, Engineering change management
- Part design & validation, BOM & Options Management
- Integration & packaging of Regional Adaptations of Forklift
- Responsible of concept generation, 3D modeling to 2D release for Manufacturing which includes Material selection, Feasibility check for manufacturing, Functional & Safety Validation

Project 2: *Scissor lift Design and development*

Worked on Design and development of Scissor lift product of **Aerial Work Platforms** according to EN280 Std., up to 1 Yr.

- Platform and ladder design by following EN280Std.
- Design of Zero turning radius of Scissor Lift
- Load calculations by using SFD BMD and Bending Stresses.

Project 3: *Scissor lift Reverse Engineering*

Worked on Reverse Engineering of Scissor lift product up to 1 Yr.

- Assembly –Disassembly Planning
- Physical measurement of Components
- 3D Model, 2D Engineering drawing Release

INTERN | L&T TECHNOLOGY SERVICES | NOV 2017 – APR 2018

Had industry oriented learning experience, like - Knowledge on **Off -Highway Trucks, Sheet metal design**

Skills & Abilities

TECHNICAL

- Structural design
- Reverse engineering
- Welding technology
- Sheet metal Design
- Manufacturing process
- 2D Drafting/Drawing
- Geometrical Dimensioning & Tolerance
- Tolerance Stack up
- Engineering materials
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CAD SOFTWARE

- Creo parametric
- Creo elements
- UG NX
- CATIA V5

COMMUNICATION & MANAGEMENT

- Good communication with the colleagues and clients to have better clarity on the tasks
- Overall task analysis and time estimation
- Task execution planning while sharing with other team member

Education

BACHELOR OF ENGINEERING | 2016 | VTU, KARNATAKA

- Secured 68.23% aggregate

12TH | 2012 | PUE, KARNATAKA

- Secured 69.33 %

10TH | 2010 | KSEEB, KARNATAKA

- Secured 79.36%

Awards & recognitions

SPOT AWARD | APR 2021 | L&T TS

STAR OF THE MONTH | MAY 2020 | L&T TS

Certifications

UG NX | 2017 | CADMAXX SOLUTION PVT. LTD

- Part modeling, 2D drafting, assembly modeling, sheet metal modeling

CATIA V5 | 2017 | CADMAXX SOLUTION PVT. LTD

- Part modeling, 2D drafting, assembly modeling, sheet metal modeling

Languages known

ENGLISH

Professional

HINDI

Expert

KANNADA

Mother tongue

Personality traits

- Team player
- Goal oriented
- Responsible

Declaration

I do here by declare that the above information is true to the best of my knowledge

SHARATHCHANDRA