

GOPALAKRISHNAN.S

Ph.no:+91-9786258064/8667017524

Email id : sgopal8064@gmail.com

Summary:

To be a dedicated and creative Designer having 7+ years of **BIW** sheet metal design and product development with an excellent ability to learn new technical concepts and to work for an organisation, which provides me the opportunity to improve my skills and knowledge to grow along with the organisation's objective

Job responsibilities included:

- Conceptualize and develop Body In White component and system requirements and specifications to achieve best in class structural, NVH and crash performance.
- Create master section and study package layout
- Select Material, Thickness and Prepare design conception sheet
- Designing for Bus Body platform including sheet metal Panels like bumpers, facias, exterior and interior panels with fully built structures.
- Detail designing of Interior and Exterior components considering styling inputs, Manufacturing feasibility, packaging and functional analysis.
- Understood CFT team requirement's and make suitable change in design
- Reverse engineering, DFM, DFA
- Design releases for Production through PLM (ENNOVIA, LEAP, V6, 3D experience)

EXPERIENCE:

Current employer : Tata Consultancy Services

Designation: BIW-Analyst (senior product design engineer)

Software: CATIA V5, CATIA V6, 3DEXperience, Ennovia & Leap integrated

Duration: Oct 2018 to till date

PROJECT DETAILS: Electric & Fuel vehicle:

- Concept design generation of BIW Front end structure components taken care of Rear floor assy, A-pillar assy, Sill inner assy and with bulkheads, Front & Rear FSM, Bumper beam structures.
- Analysing and incorporating the
- Proposing design as per the crash simulation test of frontal, side pole and rear due care to meet the crash requirement
- Interaction and incorporate the inputs from industrialisation, harness and Other CFT team to design as per their requirement
- Product based design by considering cost evaluation of each part and reducing the assembly sequence from buy level to make level
- Optimised proposal and design development of splash shield as per the Tyre regulation as per the locations

- Modification of fender shield and dashpanel with consideration of working harness mounting and other interferences
- Design implementation and drafting of BIW components as per the standards

PREVIOUS EMPLOYER

Work location:Renault Nissan technology and buisness centre india Pvt ltd

Deployed By:Envision integrated services

Designation:Design Associate Engineer

Software:CATIAV5,V6,ENNOVIA,LEAP

Duration:March 2018 to October 22nd

PROJECT DETAILS: HBK,LJK,HBC :

- Designing of BIW components considering master sections
- Optimised Design and liasion with France and Korea for DMDR activity
- Responsible for designing of underbody front end structutes
- Responsible for detailing the designed parts of Buy and make part structures

PAST EMPLOYER:

Work location:Ashok Leyland technical centre

Deployed By:layam flexi solutions

Designation:Design Associate Engineer

Software:CATIAV5,ENNOVIA,LEAP

Duration:Feb 2016 to March 2018

PROJECT DETAILS:

Bus Body Superstructure design compatible to Sunshine School Bus 5200 WB for Durability Analysis.

- Preparation of CADD model for durability analysis
- Concept design for bolster and bump trim cover for CAE analysis
- Optimised design for front and rear bumper with mounting bracket as per styling inputs
- Split bonnet conversion from single bonnet with considering accessbility of engine and surrounded parts
- Re-engineering of rear emergency door,rear inner dome with support structures.

Fully built Bus body of 12M FESLF AC CNG :

- Complete Reverse engineering Design of Interior and Exterior panels
- Developing B surfaces into closed volumes body for bonnet and podest assembly
- Declaring tooling direction and conducting draft analysis for the mould feasibility

PAST EMPLOYER : Supreme Auto Components India Pvt Ltd

DESIGNATION:QUALITY ENGINEER

DURATION: Aug 2014 to Feb 2016

ROLES AND RESPONSIBILITIES

- Evaluating and analysing customer complaints
- Preparation of Production Part Approval Process(PPAP),FMEA,KAIZEN
- Inspecting Inhouse, Incoming parts and Products
- Creating seat mounting brackets as per the customer requirement by using CATIAv5
- Creating proposal by considering the mounting feasibility and arrangements

SKILLS AND COMPETENCIES

- Multitasking
- Leadership ability
- Work under time pressure and deadlines
- Effective team player

ACADEMIC QUALIFICATION

- 2010-2014-B.E.Mechanical Engineering-67.5%
- 2008-2010-Higher Secondary (State Board)-S.S.B.V.M.H.S.S.-72.3%
- 2008-Secondary(Matriculation)-S.S.B.V.M.H.S.S-61.8%

PERSONAL DETAILS:

DATE OF BIRTH:12-03-1993

LINGUISTIC ABILITY: Tamil,English And Hindi(Beginner)

NATIONALITY:Indian

PERMANENT ADDRESS.:5/421 colony street ,orathur,Thanjavur district-613602

REFERENCES:.

PLACE:

DATE: