



GUNALAN V

16/21 P.U. Shanmugam nagar, Kolathur, Chennai, Tamilnadu - 600099

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CAREER OBJECTIVE

To pursue a rewarding Career, seeking for a job in a challenging environment which demands all my skills & efforts and also provides me an opportunity to explore and apply my Engineering knowledge to fulfil company's objectives in their Engineering Development.

EXPERIENCE SUMMARY

- **2 Year Extensive Experience in Product Design and Development (PD).**

PROFILE SUMMARY

- Product Development (PD).
- Product design and development of automobile components.
- Drafting, Annotation, Bill of material creation and Detailing of parts as well as assembly levels.
- Homologation process and requirements.
- Able to understand and foresee the implications of decisions taken while Concept Design works.
- Have good knowledge of MS-Office applications.
- Have basic knowledge of various manufacturing processes.
- Have basic knowledge and good experience in **Geometric Dimensioning and Tolerancing (GD&T)**.
- Have strength in Mechanical Engineering Fundamentals.
- Work closely with the design team to develop and modify existing designs.
- Pursuing **CATIA V5 Professional Certification** in "CATIA Part Designer, Sheet Metal & surface Design".

EMPLOYMENT SUMMARY

Organization	Designation	Tools	Duration
ASHOK LEYLAND LTD (LEAD HR PVT LTD)	Associate Design Engineer	3DEXPERINCE, CATIA V5, ENOVIA PLM	May 2022 – Till Date

Project	1) ULE BS6 CNG DIMTS 2) ULE BS6 Diesel TARMAC - Till Date 3) ULE BS6 Diesel NAC (IRT)
Customer	Ashok Leyland Ltd Technical center
Period	May 2022 – Till Date
Role	Associate Design Engineer

ROLES AND RESPONSIBILITY

- Design of Passenger Commercial Vehicle: Bus Models under M3.
- Have extensive Experience in the Bus Body Structure & Trims level module DMU creation, modification as per AIS-052 & DMU Basic Structural analysis in 3DEXPERIENCE.
- New Part Number creation as child, sub assy, assembly level.
- Create new stage I, stage II, stage III CR, CA, CO (change request, change action & change order) and Rerelease module for proto build corrective action and BI report preparation.
- Structure level homologation layout and UPD layout preparation.
- Support to in trims part & stanchion Module level (New module create, annotation, drawing and release activity) through CATIA.

- Problem solving during proto assembly & validation by structure level design changes.
- Design parts, drawing/annotation and bill of material release for development through CATIA and PLM.
- Create Technical proposal for new concept & resolution of technical issues or Design to meet attributes.

BEHAVIOURAL SKILLS

- Work on assignments where considerable judgement and initiative are required in resolving problems while in the Design Phase.
- Able to quickly adapt to projects, programmes, or methods based on customer feedback/requirements.
- Able to identify the opportunities for process and procedure enhancements to drive efficiency and customer service levels.

SOFTWARE PROFICIENCY

- CATIA V5 (R20): **Part Modelling, Assembly Modelling, Generative Shape design, Surface Modelling, Sheet Metal ,Drawing, & DMU analysis.**
- 3DEXPERIENCE (15X): **Part Modelling, Assembly Modelling, Generative Shape design, Surface Modelling, Sheet Metal Design, Drawing, Annotation & DMU analysis.**
- PLM Software: **ENOVIA, Leap.**
- AUTO CAD (2021).

STRENGTH

- | | |
|---|------------------------------|
| • Responsible | • Creative and Proactiveness |
| • Quick Learner | • Problem Solving |
| • Flexible and easy to adopt in difficult Situations. | • Team Skill |
| • Always seeking Process Improvement & Best Practices | |

EDUCATIONAL SUMMARY

2018 – 2021 - DIPLOMA IN MECHANICAL ENGINEERING, at M.I.E.T POLYTECHNIC COLLEGE, TRICHY (DOTE UNIVERSITY) with CGPA **74 %**.

2015-2016 – SSLC (State Board) at ST. THOMAS HIGHER SECONDARY SCHOOL, PATTUKKOTTAI with **60%**.

AREA OF INTEREST

- Manufacturing technology
- Design
- Automobile

LANGUAGES KNOWN

- English
- Tamil

REFERENCE

Reference will be provided based on the request.

DECLARATION

I hereby declare that above particulars of information and facts stated are true, Correct to the best of my knowledge and belief.

Place:

Date:

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