Abbinesh D

DESIGN ENGINEER

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08072169772

PERUNGALATHUR, India

I am an energetic and ambitious person who can handle situations with ease and never get downdated because of failures. I approach to any task that I undertake with a positive attitude and caste a better role in its succession.

WORK EXPERIENCE

Junior Desinger
FIRST FEET BUSINESS SERVICES

01/2023 - Present   *Chennai*

Achievements/Tasks

- In-depth knowledge of GUI design in Matlab and Usability Architecture.
- Excellent ability to perform programming, debugging, data analysis and system analysis.
- Evaluated electrical systems, components, and applications by designing and conducting research on Multisim and MATLAB.
- Manufacturing Industrial Roller , Cutting Blade.
- SPM Manufacturing for food industries, tyre plants
- Field Work of machinery Components Lathe, M&DR

Skills : MATLAB, CATIA V5, SOLID WORKS, AUTOCAD, CREO

Apprentice Trainee
Renault Nissan Automative Indian Private Limited

12/2020 - 01/2022   *Chennai*
Oragadam

Achievements/Tasks

- Placed body repairs in primer, mask up, seal spot or all over. Mask or tape off details to avoid contamination.
- Mask & tape for multi-tone paint work & protective requirements.
- Utilized spray mask and fresh air respirators systems per OSHA guideline.

Skills : Bumper Masking, quality inspection making moulding parts

EDUCATION

Undergraduate
Rajalakshmi Engineering College, Anna University

06/2017 - 05/2020   *Chennai, Thandalam*

Courses

- BE. in Automobile Engineering
- CGPA - 7.1

Diploma in Mechanical Engineering
Panimalar Polytechnic College

07/2015 - 06/2017   *chennai, Nangambakkam*

Courses

- Diploma in Mechnaical Engineering
- percentage - 86.3%

TECHINCAL SKILLS

MATLAB · CATIA V5 · SOLID WORKS · AUTOCAD · SIMULINK · MS OFFICE · CREO · BATTERY TECHNOLOGY · BUMPER MASKKING

PROFESSIONAL DEVELOPMENTS

POST GRADUATE PROGRAM HYBRID EV DESIGN AND ANALYSIS , SKILL-LYNC (07/2022 - Present)

- CATIA V5 Fixture modelling desing and surface & trim

PROJECTS - Development of Door Trim Panel

- Created a product file from a given Class-A surface with all parts
- Such as the Lower map pocket, a Lower substrate, upper map pocket, and armrest.
- Class B and Class C surfaces are generated, and draft analysis is performed for the proper tooling axis.
- Also, B-side features such as ribs, locators, dog house, and heat stakes are created for the final joining operations.

Master Section Development of B Pillar

- The plastic part is developed from the given Class A and master section of the B pillar, and the closed surface is created by developing the Class B and Class C surfaces.
- The B side engineering attachment features such as a doghouse, locators, and ribs are created.
- A tooling axis is created, and a draft analysis is performed.

ACHIEVEMENTS

Participated in E-BAJA National level inter-college design competition organized by SAE INDIA 2020.

*1st place in Tamil Nadu *5th place in All India level*

CERTIFICATES

MATLAB for mechanical engineers

Introduction to physical modeling using Simscape