


KARTHICK S


Engineer – B. Tech, Mechanical


OBJECTIVE

To be able to utilize my knowledge and my skills with the best of my efforts into becoming a responsible worker and to achieve the organization goals by adapting and making progress through persistent learning

DETAILS

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 Chennai, Tamil Nadu, India

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TECHNICAL SKILLS

SOLIDWORKS

ANSYS

CNC TRAIN

MS OFFICE

C++

GENERAL SKILLS

EFFECTIVE COMMUNICATION

ADAPTABLE

PUNCTUAL

TIME MANAGEMENT

LEADERSHIP

PROBLEM SOLVING



LANGUAGES KNOWN

ENGLISH



TAMIL

CERTIFICATIONS

CERTIFIED SOLIDWORKS ASSOCIATE

1. MECHANICAL DESIGN 
2. ADDITIVE MANUFACTURING 

MASTERING ANSYS CFD

1. LEVEL 1 
2. LEVEL 2 

EDUCATION

B. Tech – Mechanical Engineering

Vellore Institute of Technology, Chennai (*exp. graduation – 2021*)

2017 – present

High school

Velammal Vidhyashram, Chennai

2016 – 2017

PROJECTS

Productivity improvement through automation of sub-assembly process

- ❖ Improving productivity by reducing the cycle time through automation

A Study on Different Muffler Designs and Sound Absorbing Materials that improves Transmission Loss

- ❖ A report on various papers of muffler design and sound absorbing materials that focus on improving transmission loss

Agricultural Land Restoration for Irrigation in a Rural Village

- ❖ Restored a part of agricultural land for irrigation works in a small village near the outskirts of Chennai

RESEARCH WORK

Modification of rear wing to improve performance in Sports/Race cars

(Ongoing)

Research domains: Race Car Aerodynamics, CFD, Wind tunnel testing

EXPERIENCE

INTERN

GRUNDFOS PUMPS INDIA PRIVATE LIMITED, CHENNAI

May 2019

- ❖ Studied about different pumps assembly and its testing processes
- ❖ Performed Time study for pumps assembly and testing

IN-PLANT TRAINING

ASHOK LEYLAND LIMITED, ENNORE, CHENNAI

Dec 2018

- ❖ Studied the whole assembly process, machining, testing of vehicles and sub-assembly of the H4 and H6 engine and its components manufactured and assembled at the factory

ADDITIONAL LEARNING

Value Added Programme – Experimental and Computational methods in Bluff Body Aerodynamics

Feb 2020 – Mar 2020

Workshop on CFD Analysis of Rotating Machinery

Sep 2020

HOBBIES & INTERESTS

- ❖ Interested in Motorsports such as MotoGP, Formula 1 and visited local racing event
- ❖ Have won and competed in gaming tournaments
- ❖ Interested in new car and bike launches and the new technology that comes with it
- ❖ Learning stock investment and Trading
- ❖ Interested in the technology of game development and new computer hardware technology