

# KILLADA PRUDHVI RAJ

Vel Tech Rangarajan Dr. Sagunthala R and D Institute of Science and Technology

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## EXPERIENCE

### INTERNSHIP

Summer Intern in Hindustan shipyard Pvt.ltd.

- Worked as intern to examine the process of overall production and maintenance of a ship, in various departments like hull, inspection, etc. i had learn a lot about ship, about it's engine, about it's cost for production as well as maintenance.

### INDUSTRIAL VISIT

Attended the industrial visit at Wheels India limited

- Attended the industrial visit at Wheels India limited and learned about the manufacturing of wheels, Vehicle chassis and hydraulic cylinders.

## TECHNICAL SKILLS

### • Mechanical Skills

- FUSION 360
- CAD
- CATIA

### • Programming Languages

- C
- C++
- Javascript

### • Frameworks & Libraries

- Html, Css
- ReactJS, NodeJS
- SQL, MongoDB, Firebase
- Bootstrap, Tailwind CSS, Material UI

### • Version Control

- Git
- Github

## CODING PROFILES

- Solved over 500 coding Questions on leetcode.
- 4 star in problem solving on hackerrank.

## COURSE WORK

- Operating System
- Computer Networks
- Object Oriented Programming
- Data base Management System

## EDUCATION

B.Tech. (MECH) - 8.67 CGPA

Veltech Rangarajan Dr.sagunthala R and D  
institute of Science and Technology

📅 2016 -2020

Higher Secondary - 94.1%

State of Secondary Education

📅 2016

MATRICULATION - 9 CGPA

State of Secondary Education

📅 2014

## PROJECTS

### MAJOR PROJECT

Mini Rover using Rocker Bogie Mechanism

- This project is all about making rover using PVC pipes. Our team worked on design, development and integration of mini rover. finally we made rover with PVC pipes which is cheap and best because of design and material which reduces vibrations.

### MINOR PROJECT

Hydraulic Pump

- I made a hydraulic pump which runs without any utilization of power and it uses the hydro static energy of the water and the water is pumped from higher energy to lower energy. By using this pump i have filled the water tan.

Protoble Steam Generator

- I have made a steam turbine using stainless steel. Using this steam turbine the power is generated and i have charged a laptop using this steam.

## ACHIEVEMENTS

- Participated in project competition MECHNITION2K18.
- A certification of Dismantling and Assemble of four and two stroke engine.
- Attend international conference of Industrial Robots to meet industry 4.0
- A certification of Emission standard BS VI
- Attended the biggest seminar of Latest trends in IC engines by V.GANESAN
- A certification in NPTEL on Advanced machining and material processing.
- Online certification in python by great learning.