KOSURU SUDHIR KUMAR

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Profile Summary

Aspire to work in an organization and support its operations and growth, and at the same time develop my skills and refine my knowledge to meet my perspective goals. Seeking opportunities to contribute technical proficiency and creative problem-solving skills.

Skills

Design Software : Auto CAD | Basics of Ansys

Programming Languages : Python | HTML | CSS | Bootstrap Frameworks | React.js | Basic of SQL

Soft Skills: Team Collaboration | Problem Solving | Communication

Projects

Design, Analysis of Stirling Engine| 2022 - 2023
- Design, modelling and analysis of horizontal stirling engine with different heat sinks.
- This project includes modelling and optimization of high temperature difference (HTD) with gamma type stirling engine prototype.
- Based on heat transfer enhancement in stirling engine using fins with different configurations and air flow.

SAE | 2020-2021
- Design and Analysis of an off road vehicle called as ATV (All Terrain Vehicle) to survive the severe conditions of rough terrain using Ansys software.

Beach Cleaning Bluetooth Bot | Mini-Project
- Due to the difficulties faced in keeping the beach clean manually, developed an equipment that collects the waste. RF control beach cleaner is the most practical and more of a promising project.
- Trash collecting mechanism is involved to collect the waste and other objects from the beach sand.

Internships

- Engaged in a 3-month internship of frontend development at Digital Lync, Hyderabad.
- Completed 2-months internship on hybrid electric vehicle certified by "ACMEGRADE"
- Successfully undertook a 2-month virtual internship, showcasing expertise as a proactive Salesforce Developer.

Education

Bachelor Of Technology/ Mechanical Engineering, MVGR College Of Engineering, Vizianagaram/ 2019 - 2023

Intermediate | Sri Chaitanya Junior College, Visakhapatnam/ 2017 - 2019

S.S.C. / Pollocks School, Visakhapatnam / 2016 - 2017

Certifications

- APSSDC Siemens Manufacturing- Welding foundation.
- Refrigiration and air conditioning foundation certificate.

Languages

- English – Read, Write and Speak with fluency
- Telugu – Read, Write and Speak fluency
- Hindi – Intermediate reading, writing, and speaking abilities

Strengths

- Multi-tasking
- Problem Solving
- Ability to work independently with initiative, as well as in a collaborative team environment.

S.S.C. / Pollocks School, Visakhapatnam / 2016 - 2017