



VANAMAMALI RAGHUVAMSHI  
(MECHANICAL ENGINEER)

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### **CAREER OBJECTIVE:**

To Pursue my career with a performance oriented Environment for achievement of personal advancement. Proven ability to establish and maintain excellent communication and tackle real-world challenges in the tech industry. I am deeply fascinated by the rapidly evolving world of technology and how it impacts our lives. My curiosity drives me to stay up-to-date with the latest trends, tools. I thrive on solving complex problems and always seek to find innovative solutions to make a positive impact on society.

### **SKILL SET:**

C Programing  
Complex Problem Solving  
Communication Skills  
Mechanical Designing

### **AREAS OF EXPERTISE:**

Solidworks  
3D Modelling  
Drafting  
Metal Sheet

### **EDUCATION:**

**CMR Engineering college** Bachelor of Technology (Mechanical Engineering)  
Graduated in 2023. CGPA: - 6.9 University/Board: - J.N.T.U.H, Telangana

**TRINITY JUNIOR COLLEGE** INTERMEDIATE (MPC) 2019 - 88.3%  
University/Board:- State Board of Intermediate Education.

**Navajyothi High School** S.S.C (2017) - GPA: - 9.3  
University/Board: - State Board of Secondary Education.

## **ACADEMIC PROJECT:**

### **PROJECT NAME:- HYDRODYNAMIC CAVITATION**

**DESCRIPTION:** Hydrodynamic Cavitation is the process of vaporization, bubble generation and bubble implosion which occurs in a flowing liquid as a result of a decrease and subsequent increase in local pressure .

### **PROJECT 2 : All Terrain Vehicle (ATV)**

**DESCRIPTION:** An all-terrain vehicle (ATV), also known as a quad, four-track, four-wheeler, or quadricycle, as defined by the American National Standards Institute (ANSI) is a vehicle that travels on low-pressure tires, with a seat that is straddled by the operator, along with handlebars for steering control. As the name implies, it is designed to handle a wider variety of terrain than most other vehicles.

### **Achievements:**

Certification Of Participation In Mega ATV Championship Held at Goa.  
Certification of Completion of Solidworks.

### **Experience:**

**Sutherland Global Services pvt Ltd**

**Designation:** Associate Trans Processing

**Duration :** Jan 08 2024 - July 14 2024

### **Internship :**

**Simulation Lab**

**Scientific Research and Development Center**

**Profile :** Product Development Engineer(CAE)

**Research Project :** Subsonic Aircraft Internship - Feature on Wing Flap to Enhance Aerodynamic Efficiency

**ANSYS Module used in Research:** ANSYS Workbench Fluent