**SAIPRAJITH G**

**PROFILE**

An upcoming and enthusiastic professional seeking a role in a dynamic organization , preferably in the field of research and development with special area of interest in Design , Fluid Mechanics , Finite Element Analysis , Aerodynamcis and Computational Fluid Dynamics related areas resulting in meaningful contribution towards organization growth.

**EDUCATION**

* **B.Tech Mechanical Engineering CGPA – 6.51 / 10 2019 – 2023**

Amrita School of Engineering,

Amrita Vishwa Vidyapeetham, Coimbatore, TN

* **Class 12** – 64.5% **2019**

Institution: DAV Group of Schools Chennai

Subject: Physics, Chemistry, Mathematic and Biology

* **Class 10** – 87.4% **2017**

Institution: DAV Group of Schools Chennai

**TECHNICAL INTERESTS**

* Computational Fluid Dynamics
* CAD, CAM ,CAE
* Fluid Mechanics
* Design Finite Element Analysis
* Aerodynamics

**PROJECTS**

**Design and Analysis of Marine Propeller Shaft**

Duration/Period: 07/2021 - 11/2021

Objective: Design and analysis of the "Marine Propeller Shaft " using Solidworks and Ansys Workbench

**Design and Analysis of Continuously Variable Transmission**

Duration/Period: 01/2022 - 05/2022

Objective: Design and Analysis of " Continuously Variable Transmission" Using Catia and Solidworks Simulation

**Finite Element Analysis on Continuously Variable Transmission components**

Duration/Period: 01/2022 - 06/2022

Objective: The components were designed and the finite element analysis was done Ansys Workbench

**INTERNSHIP**

**Defence Research and Development Organization (RCI)**

**Duration/Period:** 06/2022 - 07/2022, Hyderabad

Mechanical Integration on Fiber Optics Sensor

Static and Dynamic analysis of INS

Mechanical Testing on INS

**TECHNICAL SKILLS**

* **Software**

SOLIDWORKS(Intermediate)

CATIA(Intermediate)

CREO PARAMETRIC(Intermediate)

ANSYS WORKBENCH(Advanced)

AUTOCAD(Advanced)

Abaques(Advanced)

SolidCam(Advanced)

**CERTICATIONS**

**Master Diploma in Mechanical CAD** (01/2021 - 07/2022)

**Automobile and IC Engine workshop by IIT Kharagpur -** (04/2020 - 05/2020)

**Summer Training on Machine Learning and Artificial Intelligence by IIT Hyderabad -** (07/2020 - 07/2020)

**Diploma in Mechanical Cad (CATIA) -** (04/2022 - 07/2022)

**LANGUAGES**

* + English – Full Professional proficiency
  + Telugu – Full Professional proficiency
  + Tamil – Professional proficiency