

GOPAL SUBRAMANIYAN V R

· subramaniang573@gmail.com

I am an Engineering graduate with an open mind and looking at problems from a different perspective. Motivated, Passionate, and committed to building an honest first impression with strong problem-solving and communication skills.

EDUCATION

GUVI Zen Class(IITM & IIMA Incubated)

Full Stack Development(ongoing)

Amrita Vishwa Vidyapeetham, Coimbatore, Tamil Nadu

B-Tech Aerospace engineering,2016-2020

· CGPA: 6.6/10

SKILLS

1. Proficiency in Ansys fluent, OpenFoam, and Matlab.
2. Python,C++,C#,Javascript,Html,Css.
3. MERN stack (Mongodb,Express,React,Node Js).
4. Github,Git(version control),Notion.

PROJECTS

Passive Flow Control Strategies For Low Reynolds Number Airfoils

- To enhance the aerodynamic performance of an airfoil by implementing a **passive flow control** strategy to suppress the effects generated by **flow separation** over an airfoil.
- Worked in a group of 3 to enhance the **performance** of airfoil using ICEM CFD, Ansys Fluent.
- With a converging slot section we achieved a 14.69% increase in aerodynamic efficiency of airfoil.

3 DIMENSIONS PRINTERS

- Commercial **3D printing** for custom design products.
- With 2 people and using Anet A8 3d printer and Ultimaker Cura software to make model 3d print ready we built **over 200+** products.
- Most notably an Engineering final year project from SRM students worth Rs.10,000 was built.

PERSONAL DETAILS

- DOB/Nationality: 15th May 1999 / Indian.
- Language proficiency: Tamil, English.