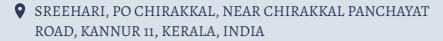
# Akash Raveendran

💌 akashraveendrano3@gmail.com 📞 +917012124520



in Akash Raveendran



Passionate and enthusiastic individual with quality technical knowledge in Gas Turbines and automobiles.

Good communication skills and works good in a team with productive problem solving capability.

# **Education**

<b>M.Tech Defence Technology,</b> Amrita School of Engineering CGPA- 8.55	10/2021 – 07/2023 Coimbatore, India
<b>B.Tech Mechanical Engineering,</b> Vimal Jyothi Engineering College CGPA- 8.22	07/2016 – 08/2020 Kannur
<b>+2,</b> Kasturba Public School 81.4%	2015 – 2016 Kannur
<b>SSLC(10TH),</b> Kasturba Public School 74%	2013 – 2014 Kannur

# Projects

# CHT Analysis of a Gas Turbine combustor liner with compound angle effusion holes

M.Tech Final Year Project

The main objective of this project is to study effusion cooling of a Gas Turbine combustor liner with compound angled effusion holes and arrive at the optimum configuration of the compound angled effusion holes.

### **Solar Panel Cooling System**

B.Tech Final year project

The scope of this project is that it will help in lowering the degradation of panel and higher longevity for the panel, thus the efficiency of solar panel can be increased by cooling.

### **Steering Controlled Headlights**

It allows the driver to see the incoming obstructions in hilly areas or in the regions with sharp turns. 09/2022 - 07/2023

2019 - 2020

02/2017 - 07/2017

# **➡** Professional Experience

# Gas Turbine Research Establishment, DRDO

Project Trainee

Exposure in modelling and CFD of Gas Turbine Components.

09/2022 – present Bengaluru, India

# P Technical Skills

### **CFD** simulation

Got exposure to various CFD software like FloEFD, ANSYS as a part of M.Tech project while working in GTRE.

# **Programming Language**

Had exposure to Matlab as a part of M.Tech project.

# ক্লী Area of Interest

- Gas Turbines
- COMPUTATIONAL FLUID DYNAMICS
- Designing and modelling
- Automobile design and fabrication

## **Designing Softwares**

Got good exposure in various designing softwares like SolidWorks, NX, CATIA

### Meshing

Got exposure to Meshing softwares like hypermesh, Ansys meshing etc.