



# Jai Suriya R P

MECHANICAL ENGINEER

Chennai, India

jaisuriyaatclg@gmail.com

@Jai Suriya Ramesh

7010917631

## PROFILE

A competent mechanical engineer who likes management as well. A skilled designer, CAE analyst and a creative problem solver, who has experience in using these skills in a team environment, with a goal of winning trophies.

## SKILLS

Project Management



Problem Solving



Creativity



Leadership



## WORK EXPERIENCE

### CAPTAIN

*Team CEG Motorsports*

March 2023 - Present

- Worked in mBAJA team as a senior drivetrain member
- Working as the captain of the eBAJA team and as the lead drivetrain designer

### GENERAL SECRETARY

*NSS UNIT - 12*

December 2022 - Present

- Volunteered as an NSS volunteer, aiding in social service to our country.
- Worked as General Secretary of NSS unit -12, leading a coordinating group of 55 members to do social service

### INTERN

*National Institute of Ocean technology, Pallikaranai*

July 2022 - August 2022

- Worked as an intern for 5 weeks in the Deep Sea Technologies department
- Worked on projects like Solar Powered Remotely Operated Vehicle and FrangiBolt Analysis

## EDUCATION HISTORY

**B.E. Mechanical Engineering**

2020 - 2024

**College of Engineering, Guindy**

- Under Grad in Mechanical Engineering.
- Gained extensive training and successfully accomplished all courses in Mechanical engineering.

## SOFTWARES KNOWN

SOLIDWORKS

AUTODESK INVENTOR

ANSYS

(Structural, Modal, Dynamic and CFD)

SPACECLAIM

MATLAB

CREO PARAMETRIC

TECHNOMATIX PLANT SIMULATION

ROBOANALYZER

IPG

## PROJECTS AND NOTABLE WORKS

CAN CRUSHER BOT (2021-22)

THREAT DETECTION SYSTEM (2021-22)

SOLAR POWERED REMOTELY OPERATED VEHICLE(2022-23)

FRANGIBOLT ANALYSIS (2022-23)

CVT COOLING FIN AND ANALYSIS

DESIGN OPTIMIZATION OF DRIVETRAIN (2022-23)

DESIGN OF ELECTRICAL DRIVETRAIN (2023-24)



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