SATYA RAHUL JALADI

PERSONAL INFO

70-17A-2/2, Sasikanth Nagar, Kakinada, Andhra Pradesh - 533003

+91 7382764196
+1 8648006431

rahuljaladi@gmail.com

KEY SKILLS

SOFTWARE
- Python
- ROS
- Microsoft Office©
- Autodesk fusion 360©
- MATLAB
- AutoCAD© 2017
- SolidWorks© 2017
- PTC Creo
- ANSYS APDL
- ANSYS Work bench

SKILLS
- CNC, welding, drilling, soldering and sheet metal.
- Lathe, milling & shaping machines
- Free hand sketching of automobiles
- Languages: English, Hindi, Telugu

INTERESTS
- Automotive enthusiast
- Designing in fusion 360
- Tech savvy (smart phones)
- Football
- Badminton (Club)
- Reading (non-fiction)

MECHANICAL ENGINEER

EXPERIENCE

PEGASUS RACING – PSG COLLEGE OF TECHNOLOGY
Coimbatore, India. - June 2016 to present
- Active member of formula student racing club, which designs and fabricates a student formula race car to participate in international and national events
- Designed and manufactured the space frame of a student formula car. Currently working as the space frame head.
- **Participated in Formula Student Germany 2017 (FSG 2017)**
- Organized an RC Car racing event for interams 2k17

CU-ICAR – ELECTRONICS MINI PROJECT:
Greenville, USA – December 2019
- Developed an autonomous RC car that could exhibit features such as adaptive cruise control and lane keeping with the help of ultrasonic sensors

PSG COLLEGE OF TECHNOLOGY (PROJECT 1)
Coimbatore, India - JUNE 2017 to JANUARY 2018
- Designed and fabricated an air powered exoskeleton arm to augment the lifting capacity of supply line workers and to reduce fatigue

TATA MOTORS JAMSHEDPUR (SUMMER INTERSHIP)
Jamshedpur, India
- Worked on the project regarding Hazard Identification and Risk Assessment (HIRA).

PSG COLLEGE OF TECHNOLOGY (PROJECT 2)
- Currently working on a project to design and manufacture a specific walking stick for Parkinsons disease patients to inhibit their tremors

EDUCATION

CLEMSON UNIVERSITY (M.Sc Automotive Engineering) (2019 – current)

PSG COLLGE OF TECHNOLOGY (BTech) (2015 – 19)
Coimbatore, India
- **CGPA – 7.65**

SRI CHAKRA BHAVAN, (11TH AND 12TH) (2013 -15)
Vijayawada, India June 2013 to June 2015
- **Percentage – 96.1%**

AKSHARA SCHOOL-(1st to 10th std) (2003 - 2013)
Kakinada, India 2002 to 2013
- **CGPA – 10/10**