VSN Reddy Janga

+91- 9933905301
janga1997@gmail.com
https://github.com/janga1997

SKILLS

Programming Languages - Python, JavaScript (and NodeJS), Bash and C

Python Libraries - scikit-learn, pandas, numpy

Frameworks - Django

Material CSS, Bootstrap

Technologies - Git , Excel

EDUCATION

Indian Institute of Technology, Kharagpur - *Mechanical Engineering*

JULY 2014 - JULY 2019

Mechanical Engineering with Dual Degree in any Specialization

CGPA - 8.01/10.0 (Till last semester)

Sri Chaitanya Educational Institution - *Senior Secondary School*

JULY 2012 - JULY 2014

Percentage - 98.1 %

Warangal Public School - *High School*

JULY 2010 - JULY 2012

CGPA - 10.0/10.0

INTERNSHIPS

NCETIS, IIT Bombay - *Student Developer*

MAY 2016 - JULY 2016

A 8 week summer internship at NCETIS, IIT Bombay , for the profile of Student Developer, tasked with creating a functional web based application for remote control and monitoring of a military grade robot.

As a part of my internship, I completed the following tasks:

- Creating a web app using roslibjs library, and integrating it with the ROS   system set up on the On Board Computer in the robot, which allows a user to control a differential drive based robot through a touch based joystick.
- Displaying the video feed of cameras set up on the robot, and displaying the 3D orientation of the robot in the web app.
- Integrated the feature of remote shutdown of the robot through a button on the web interface.

COURSEWORK INFORMATION

Programming and Data Structures, Transform Calculus, Algebra, Partial Differential Equations

Independent coursework(Coursera) - Machine Learning; Fundamentals of Quantitative modeling; Spreadsheets and Models; Modeling Risk and Realities

ACADEMIC DISTINCTIONS

- Cleared IIT JEE 2014 amongst 1.5 lakh candidates with an all India rank of 1605 and secured a seat at IIT Kharagpur.
- Cleared and secured an All India Rank of 613 in the exam JEE Mains 2014 amongst 1.3 million candidates.