# Aravinda Sai Samanthula

Student at Indian Institute of information Technology, Sri City

A keen learner, active speaker, optimistic person and IOT Enthusiast.

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## EDUCATION

### B.Tech in Electronics and Communication
Indian Institute of Information Technology

*08/2018 - Present*                                    *Sri City*

*Courses*

- Programming in C.
- Introduction to Cyber Physical Systems.
- Data Structures and Algorithm.
- Pattern Recognition.
- Embedded and Intelligent Systems.
- Object Oriented Programming.

### Intermediate (A.P State Board)
Sri Chaitanya Junior College

*05/2016 - 05/2018*                                    *Gudavalli*

### Board of Secondary Education(A.P State Board)
Sri Chaitanya High School

*06/2014 - 04/2020*                                    *Punadipadu*

## WORK EXPERIENCE

### Intern Software Developer
Youngsoft India(Formerly known as Ritwik Software Technologies)

*02/2022 - Present*                                    *Hyderabad*

*Achievements/Tasks*

- Learned Django and Flask

## ACHIEVEMENTS & EXTRA CURRICULAR ACTIVITIES

Club Head of Hope Elite Club (07/2021 - Present)
*As a core member of NSS cell I had learned how to organize the events and volunteer the events to make participants comfortable.*

Participated in Inter IIIT Sports Meet (2020)

Participated in Marathon of 10 km (2019,2020)

Member of IIITS Cricket Team (09/2018 - Present)
*Cricket is a sport where we can learn many things from the past experiences, I had learnt how to handle pressure situations and how to lead the team.*

## TECHNICAL SKILLS

C   C++   Data Structures   Python
HTMl   CSS   JavaScript   jQuery
Django

## ACADEMIC PROJECTS

Smart Helmet (09/2019 - 12/2020)
- Collected data from different sensors and sent data to cloud and then copied the data from cloud and stored in a web app.
- Tools used - Arduino, Raspberry Pi, GPS.

Image Enhancement and Analysis (09/2020 - 12/2020)
- Collected different images from different sources and Enhanced them using seven different techniques of Spatial domain of a image.
- Tools - MATLAB.

Voice Activity Detection using Deep Learning Techniques (01/2021 - 12/2021)
- Detecting the presence of Human voice in an audio track using different deep learning techniques.
- Graphical representation of human voice present in an audio track using MFCC features, Feed Forward Neural Networks and Convolutional Neural Networks.

Ozone Level Detection (09/2020 - 12/2020)
- Two ground ozone level data sets are collected.
- The two data sets are classified using different set of algorithms.

## CERTIFICATES

Fit India Freedom Run (08/2020 - 10/2020)

Probability and Statistics from University of London (06/2020 - 08/2020)