



SAI DHEERAJ YANDURU

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Sricity, Hyderabad

EDUCATION

Bachelor of Technology (B.Tech), Computer Science (2015 - 2019)

IIIT Sri City

CGPA : 8.70/10

XII (Senior Secondary), Science

Year of Completion: 2015

INTERMEDIATE BOARD Board (Narayana Junior College)

Percentage : 97.10%

X (Secondary)

Year of Completion: 2013

CBSE Board (Sri Sathya Sai Higher Secondary School)

CGPA : 10.00/10

POSITIONS OF RESPONSIBILITY

- Teaching assistant at Indian Institute of Information Technology, Sricity for Computer Organisation course.
 - Teaching assistant at Indian Institute of Information Technology, Sricity for Digital Electronic Circuits course. I was a TA for the same course twice.
 - Project leader for Wifi, bluetooth and radio frequency based robot.
 - Project leader for online weather monitoring system.
 - Project leader for ball tracking robot using image processing.
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TRAININGS

Database Engine Working And Design

IIIT Hyderabad (Hyderabad)

Jun 2017 - Jun 2017

We learnt and implemented a database engine (For e.g. mysql) from scratch by programming in c++.

PROJECTS

Village data visualisation using Django and Google maps.

Sep 2017 - Dec 2017

Based on the village data of households, farms, wells, persons, we created a django based web application that will visualize the data on google maps and help farmers in checking their farm boundaries, conflicts in terms of boundary sharing, etc.

PHP based online quiz system.

Feb 2017 - May 2017

A mini online quiz system that enables students to take quizzes and helps parents to monitor their child's performance.

Wifi, radio frequency and bluetooth based wireless controlled robot.

Feb 2017 - May 2017

We created a robot that can be wirelessly controlled using wifi or bluetooth or RF tags. We used raspberry pi and arduino as the microcontrollers

Movie rental portal on the mysql's sakila database

Feb 2017 - Mar 2017

I created a python and mysql based web application that runs on an apache server. To achieve this I used mysql's sakila database.

Ball tracking robot using opencv

Oct 2016 - Dec 2016

We have created a ball tracking robot with obstacle avoidance which tracks a ball using camera attached to its front and a raspberry pi microcontroller which controls the robot using opencv and python

Weather monitoring system

Aug 2016 - Dec 2016

We have created a mini weather monitoring system with a web interface which gets and updates values in real time. To get the data, we used a DHT11 temperature and humidity sensor and a pressure sensor. For web interface we used web2py framework.

Interactive Virtual Classroom

Jan 2018 - Present

We are creating a web based virtual classroom solution using nodejs. We are embedding features like video conferencing, canvas (whiteboard) sharing, chat facilities. We are going to add more intelligent features to it

C Programming

Intermediate

Python

Intermediate

Node.js

Intermediate

HTML

Intermediate

Java

Beginner

Raspberry Pi

Intermediate

JavaScript

Intermediate

C++ Programming

Intermediate

MySQL

Intermediate

PHP

Beginner

CSS

Beginner

Django

Intermediate

Arduino

Intermediate

ADDITIONAL DETAILS

- School level table tennis and badminton player. Won some awards for poetry during my school days.