INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, SRI CITY
CHITTOOR, ANDHRA PRADESH

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EDUCATION

B. Tech. (ECE)	2023	Indian Institute of Information Technology, Sri City	**8.44 / 10.0**
Class XII (AP)	2019	Sri Chaitanya Junior College, Vijayawada	**9.79 / 10.0**
Class X (AP)	2017	Sri Chaitanya High School, Vijayawada	**10 / 10.0**

PROJECTS

IoT Connectivity for Drone applications in Smart Agriculture (link) **(Jan 2022 – Present)**

- Developing IoT connectivity between IoT sensors in smart agriculture fields to farmer User Interface (App) by drone with the help of 4G Dongle, Raspberry pi.
- Data from sensors will be stored in cloud using Raspberry pi as MQTT broker.
- Tech Stack – Python, Arduino IDE, VNC Viewer, Adafruit Cloud.

Sorting Visualizer Website (link) **(Jun 2022 – Jul 2022)**

- A web app for visualizing a bunch of different sorting algorithms Like Selection Sort, Bubble Sort, Insertion Sort, Merge Sort, Quick Sort.
- With the functionality of Speed Control and Array Size Control, we can visualize the sorting of the array in website.
- Tech Stack – HTML, CSS, NodeJS.

EEG Signal Analysis (link) **(Sep 2021 – Dec 2021)**

- Studied data from various websites, Trained and tested the data using ML Algorithms.
- A model applying CNN technique was used since it is widely applied in several articles.
- The application of pre-processing of input data represented improvements in those techniques in which had not been previously applied this strategy.

Automatic Tollgate Management System (link) **(Feb 2021 – May 2021)**

- Created a system to monitor the traffic near the toll booths and suggests faster lane as a notification to mobile App and displays at entrance of the tollgate.
- Used IR sensor, Servo motors, LCD Display to build the prototype.
- We automated the work and shortened the work at toll gate areas to make faster and safe payments.

SOFTWARE SKILL SETS

Languages	:	C, C++, Python, Matlab.
Operating System	:	Windows 10, Linux.
Course works	:	OOPS, Data Structures, Algorithms, DBMS, CN.
Others	:	HTML, CSS, MySQL, Git, OS, Arduino.

CERTIFICATIONS & PUBLICATIONS

- 'Getting Started with Python' from Coursera (link)
- 'Problem Solving (Basic)' from Hackerrank (link)
- 'Python (Basic)' from Hackerrank (link)
- 'App Development (Basic)' from NIT Trichy (link)

EXTRA CURRICULAR ACTIVITIES & ROLES

- Achieved 5-Stars in C, C++, Python in Hackerrank.
- Volunteer – NSS Club, IIIT Sricity which organize events like cloth donation, blood donation, and cleanliness drives in Sricity at regular intervals.
- Organized an event of Annual Cultural Festival in IIIT Sricity.
- Appointed as Volunteer in 10K run marathon organized in Sricity.