**TANAVARAPU GIREESH KUMAR**

**PROFILE**

Being a hardworking and determined person I would like to work in an environment which is competitive, dynamic and challenging where I can improve my professional skills.

**EDUCATION**

* **B.Tech Electronics and Computer Engineering**

**CGPA – 6.72 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 97% **2019**

Institution: *Ascent Classes*

* **Class 10** – 98% **2017**

Institution: *Bhashyam educational institutions*

**TECHNICAL INTERESTS**

Cybersecurity, Internet of Things

**PROJECTS**

**Home burglar alarm security system**   
The sensors placed on the door informs the home owner as soon as the door is opened by sending a Push notification. This was the main objective of the project, which is the user feels safe and not worry about any intrusion or break-ins when he is away from home.

**Creating awareness on cyber crimes**   
Explaining about increasing use of cyber crimes under student social responsibility project . Cyber space and it also made us vulnerable to cybercrime threats and provide some tips to safeguard themselves against cyber crimes .

**Biometric Vote Attendance Device**   
we are planning in this project is that we have a fingerprint or iris based authentication. The data of the student will be uploaded once they punches their thumb to give the fingerprint. All the student's fingerprint will be updated in the database. Based on the fingerprint the data will be provided .

**Smart Street Lighting**   
The Project aims to automate the Light switch it works on the simple below principle:   
If the surrounding is dark Light is turned ON Else if the surrounding is bright enough Light is turned OFF Roles : Designing and Simulations

**VLSI (Designing of carry select adder )**   
Performed this project by using cadence virtuoso,digital elctronics. It is used in many data processing units for realizing faster arithmetic operations. we present an innovative CSA architecture. Validation of the proposed design is done through design and implementation of 16, 32 and 64-bit adder circuits.

**TECHNICAL SKILLS**

Python, C

**INTERNSHIP**

**VERZEO**

Campus Ambassadors are selected throughout the country from different colleges and different streams. On commencement of internship the Campus Ambassadors will have to represent Verzeo as a brand and will indulge in tasks.

**SPARKS FOUNDATION**

I was really excited to have on board with The Sparks Foundation and joined in Graduate Rotational Internship Program (GRIP). Tasks are assigned and interns work independently.

**AASHMAN FOUNDATION**

Under the guidance of HR Manager, I worked in below mentioned areas to help widows and gathered information about their personal life struggles

1) Monthly Grocery

2) Self Employment

3) Widow Pension

4) Regular Medical Camps

5) Education for children

**CERTIFICATIONS**

**Microsoft Azure Cloud Computing,** *verzeo*   
**Python Programming,** *Internshala*

**ACHIEVEMENTS & HONOURS**

English, Telugu

**EXTRA CURRICULAR ACTIVITIES**

**Ayudh**

Celebrated Diwali with the orphans of Amrita Vidyalayam and Encouraged them to

clean drive towards their goals and passions.

**Amritavarsham**

This was the campaign by the university on Mata Amritanandamayi birthday which was aimed at cleaning Indiaʼs public places and national highways. During the occasion of our Chancellor Amma's Birthday we Served and helped people and visitors .

**Clean Up Drive**

Promoted Cleanliness and well explained the importance of it to the local people at our college surroundings.