

# LAVANYA V

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## EDUCATION

### ELECTRONICS AND COMMUNICATION ENGINEERING

Chennai Institute of Technology, Chennai, Tamil Nadu

CGPA-8.8

(upto 6<sup>th</sup> sem)

## INTERNSHIP EXPERIENCE

### SCHNEIDER ELECTRIC

(May 2023-July 2023)

During a 45-day internship at Schneider Electric, contributed actively to real-world projects in the field of Circuit Breakers. Held the role of intern supervisor in the production of MCB, developing skills in brainstorming interactive ideas and contributing to real-time projects.

### CISCO

(APRIL 2023-JUNE 2023)

Completed a dynamic 5-week virtual internship with AICTE, mastering cutting-edge networking and security concepts. This hands-on experience sharpened skills in networks and security.

## PROJECTS

### 1)Plant growth and monitoring system

Aug 2022

It was creating a smart aero garden, It's like a super smart plant helper where the system autonomously monitors and manages the environmental factors like temperature, humidity and soil moisture.

### 2)Gluko detector

Mar 2023

It addressed a challenge where traditional methods were prone to errors due to manual adjustments. When glucose level decreases from the threshold level it results in a reverse process and sucks the blood to prevent this, we stopped the flow by automatic closing valve using dc motor and makes sound.

### 3)Brain MRI image denoising and tumor detection

Sep 2023

This is combination of image denoising and tumor detection, A dataset of brain MRI images was collected then preprocess to remove noise with deep learning model was trained to detect tumors in the preprocessed images.

## CERTIFICATIONS

- |                                       |          |
|---------------------------------------|----------|
| • Introduction to Cybersecurity-Cisco | Jan 2023 |
| • Introduction to IOT                 | Jun 2023 |
| • CCNA basics module 1 and 2          | Mar 2024 |
| • NPTEL – Programming In Java         | Apr 2024 |

## SKILLS

1)Java

2)C

3)Python

4)SQL

5)HTML

6)Digital Marketing

## ACHIEVEMENTS

- Scout and Guide – Completed Rajya Puraskar and won 3<sup>rd</sup> prize in District level
- Hindi – Completed Rashtrabhasha Praveen (2017)
- IEEE hack2.0 - Participated in phase 2
- Idea Explorer 2023 (SRM Institute of Science and Technology) - Shortlisted in Round 3
- TANCAM women hackathon – Final Round

## ACTIVITIES

Conducted events like Rivalria and Workshops in Symposium  
Core member in the PR team of Cultural Takshashila