

KARRESOWMYA

4-23, main road, sirgapoor(V)(M), sangareddy(D),telangana,502287.

9014596206 | sowmyanetha2567@gmail.com.

CAREER OBJECTIVE

Motivated and detail-oriented Electronics and Communication Engineering student seeking an entry-level role in the tech industry where I can utilize my technical skills in **Python programming** and **web development (HTML, CSS, JavaScript)** to solve real-world problems and grow in a dynamic work environment.

EDUCATION

Bachelor of Technology in Electronics and Communication Engineering

Vignan Institute of Technology and Science – Pursuing

Diploma in Electronics and Communication Engineering

Govt. Polytechnic for Women, Jogipet — 2019–2022

CGPA: 8.0

Secondary School Certificate (SSC)

Telangana Model School, Shankarampet (v) — 2018–2019

CGPA: 9.3

PROJECTS

- **COLOUR BLINDNESS DETECTION GAME**

A maze game that detects colour blindness using the fact that a person with normal vision can differentiate certain shades of colour while a defective person cannot

- **TURBIDITY SENSOR AND ARDUINO**

Turbidity sensors are used to measure water quality in rivers and streams, wastewater and effluent measurements ,control instrumentation for settling ponds, sediment transport research and laboratory measurements.

- **TECHNICAL SKILLS**

- **Python Programming:**

- Data types, loops, and functions
- File handling and exception management

- o Working with libraries like math, random, datetime
- o Basic object-oriented programming (OOP)
- o Simple data manipulation and logic building
- **Web Development:**
 - o **HTML5:** Semantic structure, forms, tables, multimedia integration
 - o **CSS3:** Styling, flexbox, grid layout, media queries, animations
 - o **JavaScript:**
 - DOM manipulation
 - Event handling
 - Functions and conditional logic
 - Creating interactive elements (e.g., toggles, forms)
 - Basics of ES6 syntax
- **Tools & Platforms:** Arduino IDE, Visual Studio Code, Notepad++, Git (basic)
- **Core Subjects:** Digital Electronics, Microcontrollers, Communication Systems

- **LANGUAGES :**

Telugu
English

- **HOBBIES :**

Drawing

Reading Story books

Listening Music

I hereby declare that all the information stated above is true to the best of my knowledge.

Date: April 2025

Sowmya.k