

# Carolyn Mary NC

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## EDUCATION 2023 – 2027

### Kalaigarkarunanidhi Institute of Technology - Coimbatore,India

B.E - Electronics and Communication Engineering, Pre-Final year.

Current CGPA: 7.84/10.0

**Coursework:** Electronics(Core Circuits & Devices),Communication System,Embedded Systems&Microprocessors,Signal Processing.

## EXPERIENCE

### Software Developer Intern, Brainery Spot Technology - Coimbatore, India(offline)

May-June 2025

- Developed responsive web pages using HTML,CSS ensuring compatibility across devices.
- Built interactive forms with client-side validation using JavaScript.
- Worked with VS Code for coding, debugging, and testing web projects.

### Network Security for WSNs,Amal Controls - Coimbatore, India(offline)

Dec-2024

- Learned and implemented basic network security measures to prevent unauthorized access.
- Hands-on experience with network troubleshooting and security protocols.
- Monitored and analyzed with network monitoring tools.

## PROJECTS

### VOICE-ASSIST MESH|A SMART ADAPTIVE VOICE HOME AUTOMATION FOR PARALYZED PEOPLE

Oct 2025

- This system integrates adaptive smart technologies,including voice control,gesture recognition and environmental controls.
- Voice and gesture-based control for seamless operation of home devices.
- Adaptive learning to predict user needs and reduce manual input.
- Safety features like emergency alerts.

### DISTANCE MEASUREMENT SYSTEM |Arduino UNO,Ultrasonic Sensor,12C LCD Display,Arduino IDE

Oct 2025

- Designed and implemented an ultrasonic distance measurement system using an Arduino microcontroller and an sensor to deliver fast accurate and non-contact distance readings.
- Integrated a 16x2 I2C LCD for real-time data display and efficient measurement tool.
- Demonstrated proficiency in sensor interfacing,embedded system and hardware-software integration.
- The project highlights to debug the distance measurement system that includes sensor interfacing,real-time data monitoring.

## TECHNICAL SKILLS

C	GITHUB
JAVA	HTML
OOPS	CSS
SQL	SPRINGBOOT

## CERTIFICATIONS & COURS

Infosys - Python Foundation	Link   2023
Infosys - DatabaseManagementSystem part-1	Link   2025
Infosys - DatabaseManagementSytem part-2	Link   2025
Infosys - Java Foundation	Link   2024
Mathworks - Matlab onramp	Link   2024
Mathworks - ImageProcessingOnramp	Link   2025

## COMPETITIVE PROGRAMMING

**Leetcode** : Max rating - 1541

**Codechef** : Max rating - 1110 | Position : 1 Star