

RAGA SUDHA POLIMERA

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CAREER OBJECTIVE

Motivated Computer Science student specializing in Cybersecurity, IoT, and Blockchain (CIC). Skilled in programming, IoT development, mobile app development, and problem-solving. Seeking internship opportunities to apply technical skills and contribute to real-world innovative projects.

EDUCATION

B.Tech – Computer Science & Engineering (CIC), SRKR Engineering College, Bhimavaram
Sep 2023 – Jul 2027 | CGPA: 8.4/10

Intermediate (MPC), Tirumala Mahila Junior Kalasala, Rajahmundry
Mar 2021 – May 2023 | Percentage: 90.8%

SSC, Saraswati Vidya Niketan
2019 – 2020 | Percentage: 100%

TECHNICAL SKILLS

Programming Languages: Python, Java, C, JavaScript, Dart

Web Technologies: HTML5, CSS3, ReactJS, REST APIs

Mobile Development: Flutter, Firebase (Basics)

Databases: MySQL, SQLite

IoT Technologies: Arduino, ESP32, Sensors (DHT11, Rain Sensor, Soil Moisture Sensor)

Tools: Git, GitHub, VS Code

Additional Skills: Data Structures & Algorithms, OOPS, Problem Solving

CERTIFICATIONS

- Cisco Cybersecurity Essentials
- Web Development Foundations
- C & Python Problem Solving (HackerRank)
- Introduction to Natural Language Processing

PROJECTS

Smart Irrigation System (IoT)

Tech Used: Arduino, Soil Moisture Sensor, Relay Module, Water Pump

Developed an automated irrigation system that controls water supply based on real-time soil moisture levels.

Automatic Windows Control System (IoT)

Tech Used: ESP32, DHT11 Sensor, Rain Sensor, Servo Motor

Designed a smart system that automatically opens/closes windows by detecting temperature, humidity, and rain.

Quiz App (Flutter)

Tech Used: Flutter, Dart, Stateful Widgets

Built a mobile quiz application with scoring, navigation, and interactive UI for users.

Event Management System (Web)

Tech Used: HTML, CSS, JavaScript, MySQL

Created a web-based platform for event creation, scheduling, and participant management.

EXTRA-CURRICULAR ACTIVITIES & LEADERSHIP

- Cultural Club Member – performed in inter-college events and assisted in event coordination.
- Led a group choreography team for cultural performances.
- Managed and edited dance content for social media, increasing engagement.