

## SAIKAM RAJASEKHAR REDDY

H.No:14-201,  
Prakash Nagar,  
Narasaraopet,  
Palnadu District, PinCode: 522601  
Andhra Pradesh.  
Email:[s.rajasekhar987@gmail.com](mailto:s.rajasekhar987@gmail.com)  
Contact Number: 7013685487

### **Career Objective:**

To make a positive contribution as part of your dynamic and well reputed organization in a position where my management, decision making and communication skills will be appreciated and enhanced.

### **Education:**

- **B.Tech in Electronics and Communication Engineering**  
Tirumala Engineering College, Jonnalagadda CGPA 7.00
- **Intermediate in MPC**  
Sri Chaitanya Junior College, Narasaraopet CGPA 7.20
- **SSC**  
Oxford High School, Narasaraopet CGPA 9.20

### **Technical Skills:**

- Java
- Python
- SQL
- HTML, CSS, JavaScript

### **Core Skills:**

- Xilinx (Vivado)
- MATLAB

### **Project Details:**

Title : Air Quality Monitoring using Arduino with Filtering Application

Team Size 4

Role : Team Leader

Tools : Arduino Board, MQ135 Sensor

Software Used : Arduino IDE 1.2.4

Description : The Project presents the concept of air purification system for small public area spaces and apartments. The purifier is controlled by micro-controller of Arduino Uno series. The model is also equipped with a set of sense which are used to determine the air quality in our surrounding places. Here we use the MQ135 sensor which can sense NH<sub>3</sub>, NO<sub>x</sub>, alcohol, smoke, CO<sub>2</sub> and some other gases, so it is perfect sensor for Air Quality Monitoring project. In filtering we use HEPA (High-Efficiency Particulate Air) which capture particles as small as 0.3 microns with high efficiency.

### **Strengths:**

- Strong Analytical
- Quick Learner
- Good verbal ability
- Problem Solving
- Adaptability

### **Internships:**

- Successfully completed the Google virtual internship program on “**Android Basics in Kotlin**” organized by SmartInternz in Collaboration with AICTE during 2-months (Aug - Sep 2022).
- Finished the 10-week "**AWS Cloud Virtual Internship**" successfully (Sep - Nov 2022) collaborating with APSICHE-EduSkills and supported by AWS Academy.
- Completed the Salesforce Trailhead modules during the 8-week virtual internship (April–May 2023) in the “**Salesforce Developer Virtual Program**”.

### **Hobbies:**

- Playing Cricket
- Travelling

### **Certificates:**

- AWS Cloud Computing by APSICHE-EduSkills (AWS Academy)
- Salesforce Developer by SmartInternz (AICTE)
- AI-ML-DS by APSICHE-IIDT (Blackbuck Engineers)

### **Personal Details:**

Father Name : Saikam Ramanjaneya Reddy  
Date of Birth : 27-04-2002  
Languages Known : Telugu, English  
Blood Group : O+ve  
Nationality : Indian