

SAIKAM RAJASEKHAR REDDY

H.No:14-201,
Prakash Nagar,
Narasaraopet,
Palnadu District, PinCode: 522601
Andhra Pradesh.

Email: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 NH₃, NO_x, alcohol, smoke, CO₂ 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 APSCHE-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 APSCHE-EduSkills (AWS Academy)
- Salesforce Developer by SmartInternz (AICTE)
- AI-ML-DS by APSCHE-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