

## RESUME

**T .MANIKANTA**

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### OBJECTIVE

I am seeking opportunities to join a company that can help me in enhancing my skills, strengthening my knowledge and realizing my potential. I am willing to explore a wide variety of opportunities that can help me gain perspective.

### EDUCATION QUALIFICATIONS

QUALIFICATION	NAME OF THE INSTITUTION	BOARD / UNIVERSITY	YEAR OF COMPLETION	PERCENTAGE
<b>Graduation B.Tech (ECE)</b>	SIR CRR COLLEGE OF ENGG, ELURU, WEST GODAVARI(DT.), AP	ANDHRA UNIVERSITY	2020	63
<b>INTERMEDIATE (MPC)</b>	NRI JUNIOR COLLEGE, ELURU, AP	BOARD OF INTERMEDIATE	2016	94.3
<b>S.S.C</b>	ST. JOHNS EM HIGH SCHOOL, ELURU, WEST GODAVARI (DT.), AP	BOARD OF SECONDARY EDUCATION, AP	2014	93.0

### STRENGTHS

- Hard working, Adaptability and Eager to learn new things.
- Good Leadership skills.
- Effective Communication skills.
- Highly motivated to work as a team.
- Positive thinking.

### ACHIEVEMENTS

- **amcat** scored with **90%**
- Participated in college cricket competition and received applauds.
- Event organizer in school and college annual day functions.
- School third in SSC 2014.

## SKILL SETS

Programming Languages:	Basics of C language Basics of core Java Basics of Python
Operation System:	Windows 98/2000/XP/7/8.
Web technologies:	HTML
Database Concepts:	Basics of SQL

## PROJECT PROFILE

**Project Name** : **IOT-Based Air Pollution Monitoring and Forecasting System.**

**Client** : **CRRCOE-ECE (Sir C R Reddy College of Engineering), Eluru.**

**Language of**

**implementation** : Assembly Language.

**Description** : The State of Global Air provides both air quality and health-impact data by country and region, based on the foremost recent data available from the Institute for Health Metrics and Evaluation's Global Burden of Disease. Our lifespan is a crucial measure of the health of a society; a longer lifespan may be a sign of a healthier population. Many factors can cause poorer health and may therefore reduce lifetime. Pollution is one among them can reduce average anticipation by almost as much as tobacco use. Existing pollution monitoring systems have poor precision and resolution, low sensitivity and selectivity, and need complex analysis. Therefore, improved monitoring systems are needed. to beat the issues of existing systems, we propose a Power efficient, compact pollution monitoring system using Arm Cortex M3 Development Board – STM 32 and ESP 8266, HTTP, MQTT Protocols. This Development will be physically mounted in several cities or on Vehicles to observe the quality of air and to provide necessary alerts. Any authorized can access air quality data from the cloud. If a user is traveling to a destination, the pollution level of the whole route is predicted, and a warning is displayed if the pollution level is just too high. Furthermore, air quality data will be accustomed to predicting future air quality.

**Responsibility** : Involved in design discussions, involved in testing he wify module.

## PERSONAL PROFILE

Name: Tiyyala Manikanta  
Father's Name: T. Ramana Rao.  
Gender: Male  
Date of Birth: 14-09-1998  
Marital Status: Single  
Languages Known: English, Telugu  
Address: 209, S.M. Tranquil, Victorian View Layout, Nallurahalli  
Borewell Rd, Whitefield, Bangalore - 560066

## DECLARATION

I hereby declare that all the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**PLACE:**

**DATE:**

**(T. MANIKANTA)**