**Sathi Maheswara Reddy**

**PROFILE**

I intend to build a career in a leading corporate environment with committed and dedicated people, which will allow me to fully explore myself and satisfy my zeal for innovative technological creations.

**EDUCATION**

* **B.Tech** **Electronics and Communication Engineering**

**CGPA – 8.19 / 10 2019-2023**

Amrita Vishwa Vidyapeetham

* **Class 12** – 94.7% **2019**

Institution: Narayana Junior College

* **Class 10** – 97% **2017**

Institution: Narayana E.M School

**TECHNICAL INTERESTS**

Software Engineering, IOT, Machine Learning, Deep Learning, Image processing, Computer Vision Programming

**PROJECTS**

**Arrhythmia Detection using 1d CNN**

MIT-BIH Arrhythmia database is used for this project and 1d CNN is used for classification.

**Image Restoration**

Worked on different types of image processing techniques and using image

restoration filters successfully developed a program that converts degraded

image into the original image.

**Face Mask Detection Using CNN**

CNN-based DL model is implemented in Python (Using NumPy and pandas)

that detects whether a person is wearing a face mask. If the mask is detected,

the output is 1, otherwise, it is 0.

**Smart Dust Bin**

Designed an IOT based mini Project using Arduino Uno and ultrasonic sensors

in my first semester of BTech

**TECHNICAL SKILLS**

C, Python, SQL

**INTERNSHIP**

**BSNL Internship at RTTC Hyderabad**

Completed 2 weeks of internship training at BSNL RTTC Hyderabad, and learned about telecommunication networks and their infrastructure.

**CERTIFICATIONS**

**Problem Solving(Basic)**

Successfully cleared the assessment for skill in HackerRank

**Python (Basic)**

Successfully cleared the assessment for skill in HackerRank

**ACHIEVEMENTS & HONOURS**

**Hands of Volunteer**, volunteer

Participated in a social supportive movement organized by the National Youth Council of India (NYCI) during the pandemic of covid-19

**Cleanup Drive**, volunteer

Engaged in a cleanup drive program conducted by Amrita Vishwa Vidyapeetham near Vallikavu, Kollam

**LANGUAGES**

English, Telugu