



G Nithish Chandra Reddy

Technophile, ECE Undergraduate at [GITAM University, Bengaluru](#),
Interned at [CMTI](#).

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Educational Qualifications

✓ Gitam University, Bangalore - UG

October 2020 - April 2024

Branch - ECE

CGPA - 8.1

✓ Narayana Olympiad - Intermediate

June 2018 - March 2020

Branch - MPC

CGPA - 8.5

✓ Naraya Techno School - SSC

April 2018

CGPA - 9.5

Skills

Python

c++

DBMS,phpMyAdmin

Java

IoT,ML

Projects

Distance Detecting Robot -

Detecting the distance of obstacles which are in our way using iot devices.

Autonomous Line Following Robot -

Developed an autonomous line following robot utilizing a light detection sensor that intelligently tracks a black line on a contrasting surface.

Smart Kitchen -

Designed and developed a functional prototype for a smart kitchen system.

Face detection -

An automated face detection utilizing computer vision techniques to accurately identify and localize faces in images or videos.

Image segmentaion —

Explored and implemented 20 image segmentation algorithms.

Humming to instrument sound — [Github link](#)

A user-friendly system that can turn human voice or humming sounds into different musical instrument sounds.

Internships

Machine learning with python —

Online internship by AcmeGrade.


Smart Manufacturing IIoT— [Github link](#)

Offline internship in CMTI. It is about implementing weather monitoring system using LoRa WAN Communication.

Accomplishments

 Winner of the Robotics workshop, showcasing my aptitude for technology and innovation

 Achieved the runner-up position in the IoT workshop, demonstrating my willingness to learn and my drive to succeed

 Garnered recognition as a 2nd runner-up in an internal hackathon for presenting a compelling idea, showcasing my creativity and ability to think outside the box

Cultural Engagements

 Leader of kalakrithi club which is the biggest cultural club in my university

 Achieved the title of Mr. Fresher 2020 at Gitam University, showcasing my confidence and ability to stand out in a crowd