

# Illuru Vigneswar Reddy

## B.Tech. | NIT Rourkela

Final Year, Electronics & communication Engg.  
DOB: 10th march 2003  
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## Education

2020-PRESENT  
B.TECH., ECE  
NIT Rourkela  
CGPA : 9.00/10

MARCH 2020  
INTERMEDIATE  
Sri Chaitanya College, Vijayawada  
Percentage: 96.5%

MARCH 2018  
MATRICULATION  
Sri Chaitanya School, Kadapa  
CGPA: 9.8/10.0

## Links

HackerRank :// [vigneshreddy876](#)  
LinkedIn:// [Illuru Vigneswar Reddy](#)

## Skills

GENERAL PROGRAMMING  
C++,python

OPERATING SYSTEMS  
Windows,Linux

SOFTWARES  
Verilog,Arduino,NI Multisim,Keil  
uVision,matlab,Simvision

LANGUAGES  
English, Telugu, Hindi

## Relevant Courses

Digital Electronics  
Signals and systems  
Analog Electronics  
Network Theory  
Embedded Systems  
Data Structures  
Algorithm

## Work Experience/Projects

- |          |   |                           |
|----------|---|---------------------------|
| MAY 2023 | <b>Dynamic PUPD Topology</b>  | <b>Internship Project</b> |
|          | <b>Company: Texas Instruments</b>   |                           |
|          | Modify the existing architectural design of CIC filter clocking mechanism to enable dynamic clock switchover (PUPD) which saves power.    |                           |
| MAY 2022 | <b>Pathfinding robot</b>  | <b>Project</b>            |
|          | <b>Topic:Basic Robotics</b>   |                           |
|          | Developed a robot that uses sensors to sense the track and follows a specific path and detects objects in its path and moves accordingly. |                           |

## Achievements/Certifications

- |            |  |
|------------|--|
| NOV. 2020  | <b>A.P. Police Welfare meritorius Scholarship</b>  |
|            | Currently receiving Andhra Pradesh Police Welfare meritorius scholarship.  |
| NOV 2020   | <b>Certificate of completion</b>   |
|            | Completed a short term course on Basics of Python Programming conducted by Voice,Pune in association with faculties of IIT Kharagpur during Enduro-All India Youth Symposium |
| SEPT. 2020 | <b>Others</b>  |
|            | Secured AIR 7102 in JEE MAINS 2020, percentile-99.37<br>Secured a rank below 2000 in various college and state-level entrance exams  |

## Extra Curricular Activities

- |              |  |                        |
|--------------|--|------------------------|
| 2020-2021    | <b>Cadet, National Services Scheme</b>   | <b>NSS</b>             |
|              | I have been part of the youth organization and attended several camps that aim to develop character, discipline, leadership, secular outlook, spirit of adventure, and ideals of selfless service. |                        |
| 2021-PRESENT | <b>Content Team member</b>   | <b>SDG Campus club</b> |
|              | I've been an active member in Sustainable development Goals club(content team member) , the official sustainability forum of NIT Rourkela respectively.  |                        |