

# Thota Vasu ram

Final Year  
Int.Msc.Mathematics  
at NIT Rourkela  
CGPA: 7.00

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## Education

2020-2025

INT.MSC.MATHEMATICS  
NIT ROURKELA  
CGPA : 7.00/10

2018-2020

INTERMEDIATE  
NARAYANA JUNIOR COLLEGE, HYD  
PERCENTAGE:96.1%

2016-2018

HIGH SCHOOL  
Sri Chaitanya School, Khammam ,TS  
CGPA: 9.5/10

## Links

Github:// **Thota Vasu ram**  
leetcode:// **Thota Vasu ram**  
LinkedIn:// **Thota Vasu ram**

## Skills

OS  
Windows  
LANGUAGES  
Python  
DATA BASE  
mySQL  
OTHERS  
Jupiter,Vscode, Excel, Power-point  
LANGUAGES  
English , Hindi, Telugu

## Relevant Coursework

Machine learning  
Advanced python  
Probability  
web development  
Number theory

## Side Projects

### 2024 Heart Disease Prediction- [GitLink](#)

ML

- Collected and imported heart disease data. Performed Exploratory Data Analysis to understand the data. Applied Statistical and ML Algorithms like DecisionTree, LogisticRegression, KNN and compared them with Accuracy Score. Employed Feature engineering, Data preprocessing techniques and achieved the accuracy of 85.

### 2024 Medical Image Classification with SVM- [GitLink](#)

satsmodels, numpy, pandas, seaborn

- This project involves training a Support Vector Machine (SVM) with a polynomial kernel to classify medical images as benign or malignant. It processes image data, normalizes it, trains the model, predicts categories, and saves the results in a CSV file.

### 2022 TIFR

Intern

- Developed and led a Python-based Summer Workout in Mathematics (SWIM) program, Solving creative exercises, tutorials, and problem sets to enhance students' mathematical skills through computational methods and algorithmic thinking.

## Extra curricular activities

### 2023 Genral secretary

Hall Management

Served as General Secretary of the hostel hall, managing student affairs, organizing events, coordinating with administration, and fostering a supportive and inclusive community for over 500 residents.

### 2022 Bless and Bliss

Member

I work for a nonprofit organisation whose primary mission is to assist the less fortunate.

### 2021 Inspire

Research Team Member

I am a member of a scientific group at work, where we have learned a great deal about science.