

# Malla Jaya Venkata Kiran

Final Year (Int.Msc)  
Mathematics at NIT Rourkela  
CGPA:7.37 till 8th Sem

7W32+69H, NIT Rourkela  
Rourkela, Odisha-769 008, India  
Mob.: +91-9381784160  
Email.:mjvkiran@gmail.com

## Links

LeetCode:// [mjvkiran](#)  
Codeforces:// [mjvkiran](#)  
Github:// [mjvkiran](#)  
LinkedIn:// [mjvkiran](#)

## Skills

OS  
Windows  
LANGUAGES  
C++,Python,JavaScript,Node.js  
DATABASE  
MySQL, PostgreSQL, MongoDB  
FRAMEWORKS  
MERN stack ,Bootstrap  
OTHERS  
OpenCv,Unreal Engine, VS code  
Canva, AutoCad, Sublime Text,Excel

## Coursework

Data structures Algorithms  
Object Oriented Programming  
Web development  
Machine Learning  
Deep Learning  
Introduction To Probability  
And Statistics  
DBMS  
SQL

## Education

2020-2025  
INT.MSC, IN MATHEMATICS  
NIT ROURKELA  
CGPA : 7.37/10(Expected)  
2017-2020  
DIPLOMA. IN MECHANICAL  
ENGINEERING  
Government polytechnic,VSP,AP  
Percentage: 90.06%  
2015-2017  
HIGH SCHOOL  
Government high school,VSP,AP  
CGPA : 9.0/10

## Side Project

### 2024 Real-Time Chat Application - [GitLink](#)

**MERN Stack (MongoDB, Express.js, React, Node.js), WebSocket.io**  
• Developed a real-time chat application leveraging the MERN stack and WebSocket.io to enable seamless and instantaneous communication between users. The project involved creating a robust backend to handle multiple connections, a dynamic frontend to provide a user-friendly interface, and an efficient database to store and manage chat data.

### 2023 Online Community Engagement - [GitLink](#)

**EJS,Css,Js,NodeJs,ExpressJs,Gemini AI API, PostgreSQL**  
• Pioneered solutions in tech forum discussions on Express.js and PostgreSQL, driving 25% increase in user engagement and knowledge sharing; utilized Gemini AI API for cutting-edge query resolutions, elevating forum effectiveness by 50%.

### 2023 Neural Network Implementation for Placement Prediction -[GitLink](#)

**Python, Tensorflow, Numpy, Pandas**  
• Implemented a neural network from scratch in Python to predict student placement based on CGPA and resume scores. Utilized Numpy for matrix operations, trained the model using backpropagation, and achieved 98% accuracy on test data. This project enhanced my skills in Python, Numpy, and neural network implementation.

## Experience

2022-MAY **DRDO** **Research Intern**  
Study and Analysis of Semi-Automatic Bearings only Target Motion Analysis to Track a Constant Velocity Target.  
*Python*  
2021-NOW **SDG-Club** **Poster Designer**  
Designed multiple posters to promote Sustainable Development Goals (SDGs), effectively conveying key messages through creative visuals.  
*Canva*  
2021-NOW **Astro-Club** **Mentor**  
I am one of the 50 members club and i am mentor for our juniors and we are doing a stargazing. we handle about 1000 members in our technical fest.  
*Electroic Telescope , Manual Telescope*

## Achievements/Awards

2021-2023 **Data structures Algorithms**  
Successfully solved over 450+ data structure and algorithm (DSA) questions on various platforms such as GeeksforGeeks and LeetCode.  
2022-2023 **Leetcode**  
LeetCode Maxrating 1523.