Sanjay R

✉ sanjay.2k4.ravindran@gmail.com

📞 6369330266

in linkedin.com/in/riseofsanjay

○ github.com/riseofsanjay

⟨ https://leetcode.com/u/Sanjay_2k4/

Profile

I am a highly motivated and ambitious student in Computer Science and Engineering with a specialization in Artificial Intelligence and Machine Learning at SRMIST University, currently in my seventh semester. Passionate about solving complex problems, building innovative applications, and advancing technology, I bring strong analytical and problem-solving skills. With excellent communication abilities, I interact effectively with people from diverse backgrounds. I am eager to learn, adapt, and contribute to collaborative projects and dynamic teams, leveraging my skills to address real-world challenges and create impactful technological solutions.

Internship

present	**Machine learning** *VCodez - Innovating Ideas*
2024/12 – 2025/02	**Machine Learning** *Plasmid Innovation*
2024/12 – 2025/01	**Digital marketing** *8Queens Software Technologies Private Limited*

Education

2022 – 2026 Chennai, India	**B-TECH (Computer Science Engineering with Specialisation AIML),cgpa-8.6(until 6th semester)** *SRMIST Ramapuram*
2020 – 2022 Chennai, India	**SENIOR SECONDARY, Pecentage- 72.3%** *Chettinad Vidyashram*
2017 – 2020 Chennai, India	**Higher Secondary , Percentage- 63.8%** *St. Bedes Academy*

Skills

Full-Stack Development	● ● ● ● ●	Python	● ● ● ● ○
Javascript	● ● ● ● ○	React	● ● ● ● ○
SEO	● ● ● ● ○	Excel	● ● ● ● ○

Projects

CropDoc: HARNESSING TENSORFLOW FOR EARLY DETECTION AND PREDICTION OF CROP DISEASES

Python, HTML, CSS, Javascript

- **CropDoc: Harnessing TensorFlow for Early Detection and Prediction of Crop Diseases**, a machine learning-based system designed to predict and identify potential crop diseases with high accuracy. By leveraging TensorFlow, a powerful deep learning framework, the system processes and analyzes large datasets of crop images and environmental factors to detect disease symptoms in their early stages. The model uses convolutional neural networks (CNNs) to classify and diagnose diseases, providing farmers with real-time insights and actionable recommendations to mitigate the spread of infections.

EMOTIONIQ : REAL-TIME HUMAN EMOTION DETECTION

Machine leaning project

- **Human emotion detection** is a challenging area of research that involves the identification and interpretation of emotional states through facial expressions, voice intonations, body language, and other physiological signals. The primary challenge arises from the subtlety and complexity of emotions, which vary significantly between individuals and cultures.

BLOOD BANK MANAGEMENT SYSTEM

Django, SQL

- A modern **Blood Bank Management System** is necessary to address these shortcomings and improve efficiency, accuracy, and communication within the blood bank system, ultimately leading to a more reliable blood supply and improved patient care.

Publications

Speech Emotion Recognition

15th International Conference on Science & Innovative Engineering (2025)

Courses

2024/07 – 2024/11	**Introduction to machine leaning** *NPTEL*
2023/07 – 2023/12	**course completion on JAVA SCRIPT WTH HTML** *SRM AXIS Intellects*

Workshop and Hackathon

2025	**Artificial Intelligence Workshop** *Indian Institute of Technology Madras*
2025	**MAKETHON'25** *VIT Chennai*

Outreach program

2024/06 – 2024/07 Chennai	**COMMUNITY CONNECT** *Chennai Lions Eye bank Trust &RIO-GOH research foundation*

Awards

MR.SOUTH INDIA

INDIAN FITNESS FEDERATION

sub junior men's physique category

District Level Powerlifter

CDPA

73kg category