

Sanjay R

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Profile

I am a highly motivated and ambitious Computer Science and Engineering (AIML) student at SRMIST University, currently in my sixth 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

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|-------------------|--|
| 2024/12 – 2025/02 | Machine Learning
<i>Plasmid Innovation</i> |
| 2024/12 – 2025/01 | Digital marketing
<i>8Queens Software Technologies Private Limited</i> |

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.

Skills

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

Education

2022 – 2026 Chennai, India	B-TECH (Computer Science Engineering with Specialisation AIML),cgpa-8.45 (until 5th semester) <i>SRMIST Ramapuram</i>
2020 – 2022 Chennai, India	SENIOR SECONDARY, Pecentage- 72.3% <i>Chettinad Vidyashram</i>
2017 – 2020 Chennai, India	Higher Secondary , Percentage- 63.8% <i>St. Bedes Academy</i>

Courses

present	Python For DATA SCIENCE <i>NPTEL</i>
2024/07 – 2024/11	Introduction to machine leaning <i>NPTEL</i>
2023/07 – 2023/12	course completion on JAVA SCRIPT WTH HTML <i>SRM AXIS Intellects</i>

WORKSHOP

2025	Artificial Intelligence Workshop <i>Indian Institute of Technology Madras</i> Artificial Intelligence Workshop conducted by Techgyan Technologies at the prestigious Indian Institute of Technology Madras (IIT Madras), in association with Saarang. The workshop provided valuable insights into deep learning techniques and their applications in computer vision.
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Social outreach programs

2024/06 – 2024/07 Chennai	COMMUNITY CONNECT <i>Chennai Lions Eye bank Trust &RIO-GOH research foundation</i>
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Awards

MR.SOUTH INDIA
INDIAN FITNESS FEDERATION
sub junior men's physique category

District Level Powerlifter
CDPA
73kg category