

EDUCATION

Master of Science in Data Science and Statistical Learning
University Of Limerick, Ireland
Present

B.Tech Computer Science and Engineering
SRM Institute of Science and Technology -Ramapuram, Chennai
2020-2024
CGPA - 9.15

10th and 12th
Ramakrishna Mission Matriculation Higher Secondary School, Chennai
10th - 87.20%
12th - 76.00%

SKILLS

AI / ML



Data Analytics



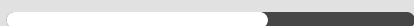
SQL



Python programming



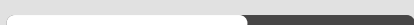
C C++ programming



HTML CSS JavaScript



IBM Watson



PUBLICATIONS

NINTH INTERNATIONAL CONFERENCE ON BIOSIGNALS, IMAGES AND INSTRUMENTATION MAR 2023
PRESENTED VISION BASED REALTIME ACTIVE PROTECTION SYSTEM USING DEEP CONVOLUTIONAL NEURAL NETWORK AND WON BEST PAPER AWARD.

PROJECTS

HUMAN SPEECH BASED EMOTION RECOGNITION USING CNN & LSTM NETWORKS WITH DWT AND MFCC FEB 2024 - MAY 2024

- HSER model using novel preprocessing and Resnet18-LSTM model
- Resnet18-LSTM 99.82% accuracy.

RENAL FAILURE PREDICTION USING RANDOM FOREST AND DEEP CONVULUTONAL NEURAL NETWORK SEP 2023 - NOV 2023

- Model can efficiently identify CKD, Kidney stones, cysts and tumor through kidney biomarkers and CT-Scan images using Random Forest and Yolov8.
- Random forest obtained 99% accuracy and Yolov8 obtained 96% accuracy.

VISION-BASED ACTIVE PROTECTION SYSTEM JAN 2023 - MAR 2023

- The image processing technique with Radar for the real-time protection system of battlefield tanks capable of precisely destroying targets.
- The F1-score, Average Precision, and Average Recall are 93.10%, 89.50% and 91.26% for the computer vision model.

CERTIFICATIONS

IBM Applied AI JUN 2023
Coursera | IBM
This Specialization has 6 courses

- Introduction to Artificial Intelligence (AI)
- Getting Started with AI using IBM Watson
- Building AI Powered Chatbots Without Programming
- Python for Data Science, AI & Development
- Python Project for AI & Application Development
- Building AI Applications with Watson APIs

Supervised Machine Learning: Regression and Classification Feb 2023
coursera

Core python for everyone Jan 2023
Udemy

Microsoft Certified: Azure AI Fundamentals Oct 2022
Scored 76.30%