

# SANKEERTH SRIDHAR

CHENNAI, TAMILNADU

## NARAYAN

### PROFILE INFO



+91 9025050347



sankeerthnarayan1@gmail.com

An AI enthusiast with immense knowledge in Data analysis and Machine Learning. Equipped with all kinds of problem-solving related to machine learning and hands-on with data visualization tools like Tableau and PowerBI. Possesses knowledge related to deep learning and database management with SQL, Hadoop, and Spark . Excellent with verbal communication, teamwork and leadership abilities.

### EDUCATION

- PGA Program in Data Analytics & Machine Learning

Imarticus Learning ,  
Chennai [2021-2022]

- Bachelor of Engineering (B.E) – Computer Science and Engineering (CGPA-9.08)

Anna University ,  
TamilNadu [2019-2023]

- CBSE- XII-Computer Science(93.2%)

DAV Boys Senior Secondary School,  
Chennai [2018-2019]

### SKILLS

- GENERAL

Machine Learning, Deep Learning,  
Data Visualization & Analysis  
Time Series forecast, Big Data

- ALGORITHMS

KNN, NaiveBayes, Ensemble, SVM , PCA  
Random Forest, Regression Models ,  
Clustering, CNN, RNN, LSTM, CV, NLP

- PROGRAMMING LANGUAGES

C++,C, Python(Numpy,Pandas,Keras,  
Scikit-learn,Streamlit,openCV,Tensorflow),  
HTML5, CSS(Flexbox), Javascript, SQL, Java

- SOFTWARES

Tableau, PowerBI, Adobe Photoshop, WEKA

- OPERATING SYSTEMS

Linux (Kali,Ubuntu), Windows

- SOFT SKILLS

TeamWork, Communication , Leadership

- LANGUAGES

English, Tamil, Telugu, Marathi, Hindi

### CERTIFICATIONS

- Ethical Hacking , FITA Academy
- Data Base Management System , NPTEL
- Demystifying Networking, NPTEL

### HONORS

Received 87% merit based scholarship from Chennai Institute of Technology [ July 2019 - July 2023 ]

### RESEARCH EXPERIENCE

- RESEARCH INTERN (February-2022 Present)

Centre for Quantum Science and Technology,CIT Chennai

- Managed and worked in creating Hamiltonian matrices
- Working on different types of electron-phonon models on hyper cubic lattices

### PUBLICATIONS

**Role of long-range coupling on the properties of single polarons in models with dual electron-phonon couplings.**

Published in - Physical Review B .

(DOI: 10.1103/PhysRevB.106.035133 )

### VOLUNTEER EXPERIENCE

- VOLUNTEER HEAD (June-2020 Present)

Karam Korpom Foundation, Chennai

- Worked towards environment protection through wall arts and awarness programmes
- Was in charge of leading the volunteers in projects.

### PROJECTS

- Stock Price Prediction application.

- Developed an application that predicts the closing stocks prices of a company using an LSTM model.

- Emotion based music recommendation system.

- Using openCV this application will scan your face and based on your emotion, it will recommend music using a sequential deep learning model.

- IBM- Statistical Approaches to Liver Disease Prediction.

- A randomforest classifier predicts if a person has a liver disease or not using various statistical variables gathered from a medical test report.

### EXTRACURRICULAR

- N.C.C - 'A' Certificate (Sergeant) | Scouts

- U-19 CBSE Clusters- Zonal (Tabletennis) Singles Bronze Medalist | Anna University tabletennis team Zonal Captain

- Event organizer for "Venture it" part of Hackerz (symposium)

- Head of Sponsorship committee- "Takshashila" (cultural event)

- Mentor for "Young Mind Coders" (programme that taught python programming to high school students)