TNV SAI SIDDHARTHA

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EDUCATION

Bachelor of Technology(B.Tech)	KL University Hyderabad
Artificial Intelligence and Data Science	KL University
Aggregate CGPA: 8.88/10	2020-2024

12th Standard	Fiitjee Junior College, Visakhapatnam
Aggregate Percentage: 86%	2018-2020

12th Standard — Fiitjee Junior College, Visakhapatnam — Aggregate Percentage: 86% — 2018-2020

10th Standard — Timpany School Visakhapatnam — Aggregate CGPA: 7.8/10 — 2008-2018

TEST SCORES

- Gate CSE Qualified 2023
- Gate Statistics AIR 474

ACADEMIC PROJECTS

- **Credit Card Fraud Detection – MLP**   **2021 Dec - 2022 May**
  The project is a Django-based website hosted on the Heroku cloud platform which takes credit cards users' transactions as input and provides an output whether the user executing the particular transaction is a 'fraud' or 'not fraud' for Credit Risk Management purposes, this is done with help of multi layer Perceptron network.

- **Traffic Sign Recognition – CNN**   **2022 May - 2022 Nov**
  worked on the classification of traffic sign boards and classified them into 43 classes using CNN which can be useful for applying for automatic vehicles

- **Attendance tracking with face identification – CV**   **2022 Nov - Present**
  Working on a face recognition application which can be placed in classrooms, with a camera - each hour's attendance can be tracked. Currently it is being applied and implemented in one branch in our University.

RESEARCH

- **Fully Automatic 2D-to-3D Video Conversion with GANS**   **2023 - Present**
  "Fully Automatic 2D-to-3D Video Conversion with GANs" involves the use of Generative Adversarial Networks (GANs) to automatically convert 2D videos into 3D. This is a cutting-edge technology in the field of computer vision that has the potential to revolutionize the way we watch and interact with videos. The research aims to develop an efficient and accurate algorithm that can generate 3D video content from 2D videos without any manual intervention.

INTERNSHIP

- **Machine Learning Intern, Fyenn Labs**   **2021 Sep - 2022 Feb**
  Worked on the Analysis on the Ed-Tech market in India using Segmentation analysis . The techniques and algorithms used in this project are Machine learning using python with NumPy, K means clustering, Hierarchical Clustering, DBSCAN clustering, Mean Shift clustering.

SKILLS

Languages	Python, C, C++, HTML, R, CSS
Frameworks	Django, Tensorflow, Pytorch, OpenCV, Hadoop
Tools	Git, Rest API

CERTIFICATIONS

TensorFlow Developer Certificate	Google 2023
AWS Certified Cloud Practitioner	Amazon 2023
Machine Learning	Stanford University 2020
Psychology	Yale University 2020

COURSES

OS, DBMS, Computer Networking and Security,DAA, OOPS ,DS, ML, DL, Data Warehousing, Data Mining, Data Visualization, Signal Processing, Computer Vision, NLP, Speech Processing.

LANGUAGES

English, Telugu, Hindi, French

POSITION OF RESPONSIBILITY

Creative Team Lead - Younify College Radio
Vice President Of Sports Club – KLH
President Of the Drama Club - KLH

AWARDS AND RECOGNITIONS

KLEEE Scholarship - 25% (All India Rank 256)
2nd position Startup Pitching - Rendezevous'21— KL University- CIIIE
University Level Silver medal - Chess
University Level Silver medal - Carrom doubles