

Chinthala Spandana

Hyderabad, Telangana, India

+91 8523850336 | spandanachinthala10@mail.com | [LinkIn.com/in/chinthala-spandana](https://www.linkedin.com/in/chinthala-spandana)

Education

CMR TECHNICAL CAMPUS

Bachelor of Technology in Computer Science and Engineering

Hyderabad, Telangana

2020 – 2024

Narayana Junior College

MPC

Hyderabad, Telangana

2018 – 2020

Ideal High School

SCC

Toopran, Telangana

2017 – 2018

Project

Social media popularity prediction based on multi model self-attention mechanism.

Python, REST API, React, JavaScript, D3.js

- Developed a full-stack web application using with Flask serving a REST API with React as the frontend
- Implemented GitHub to get data from user's repositories
- Visualized GitHub data to show collaboration
- Used Celery and Redis for asynchronous tasks

Plagiarism detection using deep learning | *Python, TensorFlow, Kera, NLTK, SpaCy, Word2Vec, Flask, Matplotlib*

- Designed and implemented a deep learning-based plagiarism detection system for academic and professional use.
- Trained the model on large-scale datasets (e.g., PAN corpus) to achieve high accuracy in detecting paraphrased and verbatim plagiarism.
- Utilized advanced NLP techniques like BERT embeddings and transformer models for robust text similarity detection.
- Published the tool as a web application, gaining positive feedback and adoption from educational institutions.
- Collaborated with domain experts to refine the detection criteria and ensure ethical compliance in plagiarism reporting.

Automatic Vehicle Number Recognition using the existence surveillance cameras.

Python, tensorFlow, Keras, openCV, Tesseract OCR, Pandas, NumPy, Django, GitHub

- Developed a system to automatically detect and recognize vehicle license plates using live feeds from existing surveillance cameras.
- Implemented a pipeline combining computer vision techniques (OpenCV) with deep learning-based Optical Character Recognition (OCR).
- Trained a YOLO-based object detection model to accurately localize license plates in real-time.
- Enhanced OCR performance by preprocessing images with noise reduction, edge detection, and character segmentation.
- Tested the system with multiple datasets to ensure high accuracy in different lighting and weather conditions.
- Deployed the solution as a cost-effective module compatible with existing surveillance infrastructure.

Certification

Basics of Python - [INFOSYS SPRING BOARD]

Jan - 2023

Associate Cloud Engineer Track With Google Cloud - [COURSERA]

Apr - 2023

"Data Analytics Using R" & "Machine Learning With Python" - [ONE DAY HANDS ON WORKSHOP]

Feb - 2024

Achievements

- Participated and shortlisted in "**SMART INDIA HACKATHON -2022**" and presented the project "Automatic Vehicle Recognition using the existence surveillance cameras".
- Presented on "**Quantum Computing**", as part of academics.
- Participated in "**INTINTA INNOVATOR EXHIBITION -2022**" organized by government of telangana.

Technical Skills

Languages: Python, C, Java , SQL , JavaScript, HTML/CSS,

Frameworks: React, Node.js, Flask, WordPress, Django, TensorFlow

Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio,

Libraries: pandas, NumPy, Matplotlib