

PHANIKUMAR MEDAPATI

Contact no:7036742381

Email: medapatiphanikumar7@gmail.com

CAREER OBJECTIVE

To secure a challenging position with respect to Data science and AI in a reputed organization in order to enhance my skills and knowledge, while making significant contribution for the success of a company.

EDUCATION

- CMR TECHNICAL CAMPUS
B. Tech (Mechanical), Hyderabad

SKILLS

- Ability to work in a team
- Ability to multitask
- Time management
- Fast learner
- Computer skills (Deep learning using Python, frameworks like Tensor flow, keras,)
- NLP, Text mining, computer vision.

COURSES

- Corporate training in Data science with python and machine learning at **ADITI DIGITAL SOLUTIONS.**
- AI and Deep learning at **360DigiTMG.**

INTERNSHIPS

- 1. Gender Emotion detection using CNN & Open CV, at **ADITI DIGITAL SOLUTIONS.**

Utilised deep learning techniques like convolution neural network & computer vision algorithm. Created application in jupyter notepad (python IDE) using Tensor flow framework on Kaggle data set.

PROJECTS

- **Tracking the sequence followed while clamping in manufacturing industry.**

Client: one of the leaders in automotive industry in the world.

Business problem: Failure of clamping system in certain cases thereby resulting in accidents in the industry

Business solution: we identified the clamping system in that device and adjusted the detection system in such a way which makes sound when clamping sequence is not appropriate.

Technology stack:

Database: Access, Excel, MSSQL

Tools used: Python IDE (google colab), object detection algorithms like YOLOv8, YOLO-NAS.

Deployment tools: AWS sage-maker

Business benefits:

- Enhancing the brand image through more safety concern
- Addressing the failure of clamping will result in reduction of accidents which in turn build the trust among the customers.

GITHUB LINKS

a) <https://github.com/medapatiphanikumar/emotion-new.ipynb/blob/main/cnn%20project2%20emotion%20detection.ipynb>

b) <https://github.com/medapatiphanikumar/emotion-new.ipynb/blob/main/genderclassification.ipynb>

