



MANDAPATI SAI SATVIK VARMA



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SUMMARY

Confident and Passionate individual
Always eager to learn new technologies and tackle new challenges. It helps me to push my boundaries and expand my knowledge, that makes me to help in growth of the company.

TECHNICAL SKILLS

Programming languages:

Python, Data Structures and Algorithms, Flask(API).

Web Technologies:

HTML5, CSS,JavaScript.

Data management:

MYSQL, Exploratory data analysis.

Data science:

Machine learning, Deep Learning, Natural language processing.

Cloud technology:

Docker, Kubernetes ,CI/CD pipelines.

CERTIFICATIONS

- DBMS infs Springboard | July'23
- Machine Learning using python | Jun '23
- DSA Self Placed in Python | Jun '22

POWER SKILLS

- Friendly, adaptable to work on any team
- Observant and hands on learner
- Curious
- Passionate

EXTRA CURRICULAR ACTIVIS

- Participated in Inter School for Badminton and Cricket.

PROJECTS

Malicious – Websites-Detection

Dec ' 23

Domain: Machine Learning | Programming Languages: Python

- Predicted whether the Url is safe or unsafe using
- Used Random Forest Classifier algorithm for this model. sklearn, numpy, pandas, matplotlib, seaborn modules has been used.
- Used Flask API and Docker, Container to check Url, using the html pages.

House Price Prediction

Oct ' 23

Domain: Machine Learning | Programming Languages: Python

- Predicted house prices according to area, type of bhk, no.of bathrooms
 - Developed the model using linear regression with 86.3% accuracy.
- Used Flask web framework to connect it with webpage.

Driver Drowsiness Detection

Aug'23

Domain: Deep Learning [CNN] | Programming Languages: Python

- Used Convolutional neural networks with tensorflow, keras python libraries
- Developed a deep learning model to detect symptoms of drowsiness from eyes like yawn, no yawn, closed, open of driver.

Fake News Predictor

Feb '23

Domain: ML & NLP | Programming Languages: Python

- Engineered test based features using term frequency inverse document frequency(TF-IDF)
- Developed a Machine Learning based fake new predictor that uses predictor that uses natural language processing techniques to classify news articles as fake or genuine

ACHIEVMENTS

- Solved 150+ problems in python on code chef.
- Solved 200+ problems in python on Greekforgreeks.
- 4 Star coder in hackerrank in python.
- 4 Star coder in hackerrank in MySql

EDUCATION

B.Tech. in Computer Science

Aug '20 - Present

Lovely Professional University |Phagwara, Punjab

Percentage : 80%

Intermediate in Science and Math

Jun'18 – may'20

Tirumala junior college | Visakapatnam,AP

CGPA -8.75

Matriculation

Apr'18

Sri Bhavani Vidhyanikethan | Anakapalli,AP

CGPA – 9.7