CHAITANYA KVS

EDUCATION

B. Tech in Artificial Intelligence Engineering   August 2019 - 2023
Vidya Jyothi Institute Of Technology, Hyderabad
CGPA: **8.01/10**

SKILLS

Languages	Python, C++, Mysql
Machine Learning	Python with Numpy, Pandas and Scikit - Learn
Deep Learning	Neural networks using Tensorflow and Keras,Pre-trained models
Data Visualisation	Matplotlib, Seaborn
Tools	Git, Microsoft Word, Power Point

EXPERIENCE

Kefistylo - Technical Content Developer Intern   Apr 2022-Oct 2022

- Research in Machine Learning, Deep Learning, Writing research papers, dissertations on Machine Learning, Computer vision, Deep Learning.
- Implemented various machine learning models and algorithms like XGBoost, CatBoost, DecisionTree and wrote articles on them.

PERSONAL PROJECTS

Cyclone Intensity Estimation Using Pre-trained Models (Image Regression)   Sept 2022 - December 2022

Contributed to cyclone forecasting and intensity estimation through deep learning and satellite imagery. Trained SOTA models (ResNet50, InceptionV3, ResnetInceptionV2) on INSAT 3D images, achieving accurate cyclone intensity predictions, offering a more efficient alternative to traditional methods like the Dvorak Technique.

Brain Tumor Classification using Deep Learning   Jun 2022 - Aug 2022

Trained models (ResNet50, InceptionV3, InceptionResNetV2, CNN, VGG16, Xception) on Kaggle MRI Scan images, added custom layers, and evaluated performance using Accuracy and precision. Achieved high accuracy (0.96 and 0.956) with ResNet50 and CNN, outperforming other models, in classifying images into Pituitary, No tumor, Glioma, and Meningioma categories.

Sentiment Analysis Classifier using Neural Networks (Tensorflow, Keras)   Mar 2022 - May 2022

- Built a neural network based on LSTM to classify the text into different types of Emotions.
- Model classifies the given text into 1 out of 6 different emotions which are happy, sadness, love, joy, surprise, anger.
- Implemented various NLP preprocessing techniques like Tokenisation, converting text to sequences and padding.

ACHIEVEMENTS

- Published a Research paper with the title Cyclone Intensity Estimation Using Pre-trained Deep Learning Models in ICCIDE-23 International Conference.

CERTIFICATIONS AND BADGES

- Certified with AWS cloud explorer, Cloud inventor, Deepracer Machine Learning Scientist badges.
- Awarded 5 stars in Python, C++, C, by Hackerrank.