THIRUNAHARI RAGHAVA KRISHNA

GIT HUB: https://github.com/Raghavtrk

Mobile no: 9705200805
Email: raghavkrishnat@gmail.com

CAREER OBJECTIVE

I aspire to be an indispensable part of an organization through my efforts and dedication. I wish to be in a role which provides me with opportunities where I can best utilize and enhance my skills for both personal and organizational development

EDUCATION

- **ACE ENGINEERING COLLEGE**

  Civil Engineering, 66%

- **NARAYANA JUNIOR COLLEGE**

  Intermediate, 92.8%

- **CHUKKA RAMAIAH HIGH SCHOOL**

  X, 8.8Gpa

TECHNICAL SKILLS

- **Numpy , Pandas, Matplotlib, Seaborn, Regression, Classification, KNN, Decision Tree, Random Forest, SVM, Data Analysis, Data Modelling, Data Wrangling, Artificial Neural Network(ANN), Convolution Neural Network (CNN),Recurrent Neural Network (RNN),Transfer Learning, Computer Vision, Artificial Intelligence, OpenCV**

TOOLS

- **Programming Skills:** Python
- **Libraries and Software:** Pandas, Numpy, Tensorflow, Keras, OpenCV, HaarCascade, Scikit-Learn, Anaconda, Google Colab, PyTorch, Jupyter Notebook.
- **Visualization tools:** Basic understanding of Tableau, Matplotlib, Seaborn
- **Areas of Interest:** Machine Learning, Deep Learning, Data Science, Computer Vision, Natural Language Processing.

KEY PROJECTS

- **Face Recognition using ComputerVision:**
  - This model was built to detect your face by using Haarcascade
  - Face Recognition model was built using cv2 library
  - Enhanced this by enabling Face Recognition using webcam
  - **Tools used**: Python, Numpy, cv2

- **Street View House Numbers detection & Classifcation using CNN :**
  - This Huge dataset contained house numbers read by Google Street View.
  - There were around 75k training images data
  - CNN model was built to fit & Predicted on validation data
  - **Tools used**:CNN, Python, Numpy, Pandas, TensorFlow, Keras

OTHER RELEVANT PROJECTS

- **Sentiment Analysis onmovie reviews using Recurrent Neural Networks(RNN):**
  - Movie reviews were vectorized, tokenized& fed to the model to analyze the sentiment.
  - LSTM-RNN model was built to fit & predict on validation/test data.
  - **Tools used**: Python, Numpy, Pandas, TensorFlow, Keras, RNN

- **House Price predictions on Boston Housingsdata using Linear Regression:**
  - Bostonhousing dataset morethan 80 features & quite a lot of missing data, whichwas handled by various feature engineeringmethods.
  - Linear Regression modelwas built & later optimized usedby Shrinkage techniques to reduce the overfitting& model complexity.
  - **Tools used**: Python, Numpy, Pandas, Jupyter, Scikit Learn, Statsmodel

PROFILE SUMMARY

- Experience of Machine learning algorithms like Linear and Logistiregression,KNNClassifier, Decision tree, Random forests & Support VectorMachines(SVM).
- Feature engineering in Python– Missing valuetreatment and outlier handling, transforming variables and reshaping data using Python packages like Numpy, Pandas, Scipy & Scikit Learn.
- Evaluating, analyzing and leveraginga range of statistical information using Python.
- Good knowledge of Deep Learning and ample hands-on with Neural Networks, Artificial Neural Networks(ANN), Convolutional Neural Networks(CNN)& Recurrent Neural Networks(RNN).
- Have Goodexperience in applying Data Science techniques using Python libraries like Numpy, Pandas, Matplotlib, Seaborn, Scikit Learn, Tensorflow, Keras, PyTorch & OpenCV.
- Effectively communicate management decisions to achieve understanding and acceptance.
- Effectively develop individual departmental and organizational goals to obtain objectives.
- Makes decisions with confidence.

HOBBIES

- Playing Cricket & Badminton.
- Watching movies & Cricket Videos.
- Listening music.

ACTIVITIES

- Attended hands-on data science workshop by NVIDIA on RAPIDS(CuDa, CuML, CuGraph) at Hyderabad
- Participated in many college level Crickets Tournaments.

DECLARATION

- I certify that the particulars given above are correct and complete to the best of my knowledge and believe that nothing has been concealed by me.