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| **Thudimilla Saiprasad**Experience in executing full life-cycle development projects; ramping up projects within time, budget & quality parameters, as per project management & best practice guidelines, targeting assignments in **Data Science, Machine Learning , Deep Learning** and with good amount **GIS** **Domain** Knowledge with ARC GIS with an organization of high repute. |  |
|  +91-8143460705  thudisai.prasad@gmail.com **Website**: <https://www.kaggle.com/thudisaiprasad>   **LinkedIn**: <https://www.linkedin.com/in/thudimilla-sai-prasad-01000973> GitHub: <https://github.com/thudimillasaiprasad>  |  |

Profile Summary

* Achievement-driven professional with an experience of **nearly 3+ years**
* Experience in creating **Artificial Intelligence** application **with Machine Learning, Deep Learning with Python.**
* **Machine Learning Techniques includes Linear and Logistic Regression** on the **Regularizations** and **Recommendation, Boosting, SVM, PCA, Text Mining, Word Cloud with Sentiment Analysis.**
* **Deep Learning** Techniques includes **ANN, CNN,** and **RNN** in libraries such as **Tensor flow, Keras** in the **Google Collab** andthe **ML** with the **Sklearn, Numpy, Pandas, and Matplotlib.**
* **Tableau for Data Visualization** had done some projects and self-learning the **Microsoft** **Power BI** basics.
* Extensive knowledge of the working with **database like MySQL and learning Mango DB’s application works.**
* Learning independently for Deployment of Models using Dockers and Kubernetes in **AWS cloud**.
* GIS domain knowledge with **AutoCAD, ArcGIS**, Client base tool **FUSIONX.**
* Expertise in manipulating and analyzing complex, high-volume, high-dimensionality data from varying data sources.
* Good proficiency in Microsoft Office Excel and Word Documentations.
* Corporate Training Experience for more than 2+ years.

Work Experience

**RMSI PVT LTD, Hyderabad 15/may/2017-01/Oct/2019**

**Key Result Areas:**

* My major role in the Production floor on the production of digital maps where I used to attribute digital maps such as Speeds, Restrictions, walkability, providing maneuvers restrictions and layers joining.
* Where I got opportunity in the generating quality reports based on the weekly and monthly based for to discuss in the Quality meetings.
* Working closely with business and engineering teams to encourage statistical best practices with respect to experimental design, data capture.
* Ability to read and understand technical specifications of prioritizes tasks and meets deadlines and has skills to discuss issues/solutions with team and team lead.
* Worked with cross functional teams (i.e. Spec team subject expertise, Hardware and Product and higher Management) to accomplish assignments in the given deadlines.

**ABSONLINE.IN, Hyderabad 03/Dec/2015-25/Feb/2016**

As a Techno Commercial Engineer my work to get data of the product in the market about it workings in use by the customer and similar product competitors and sales in the digital window and maintenances for some particular time.

**UFOAM PVT LTD, Hyderabad 1/Jan/2014-15/July/2014**

Assist design development in resolving the technical problems faced with the design and production process. Worked as a trainee and learn model design, calculations, cost estimation, design and production data and generating weakly and month reports with the help of the scenarios associates.

**Project: END 2 END CAR\_PRICE\_PREDICTION\_MODEL**

**Description:** We are building end to end model for car price prediction for the data taken from the car resale vendor and it is taken from the Kaggle project and here predicting the price of a used car by calculating the car features and its physical parts and conditions .Here the value of the car is increased by its unique features such as petrol, transmission system, date of manufacture, kilometers driven ect.We made a model which predicts the car price where we test the different features of different data sets and made pickle files for frontend development and deployed in the GitHub and deployed app.py file in the Heroku platform to run the application .

**Technology:** Machine Learning libraries, Python, MATLOBIB for Data Visualization, API used is Flask to build and run in spyder and where app.py deployed in the Heroku.

**Pipelines Created: Data** Collection, Feature Engineering, Feature Selection, Model Creation, Model Hyper parameter Tuning and building front end file.

**Project:** **Building a Convolutional Neural Network for the image identification.**

**Description:** This project aim to build the CNN model using Tensor flow2.0 and Keras to classify the 10 types classes of images from the 60000 images, we need build the prediction model to identify and its Train and Test accuracies are been predicted and been compiled .

**Project:** **Building a Recurrent Neural Network on the IMBD Kagle data set.**

**Description:** This project aim to build the RNN model using Tensor flow2.0 and Keras to classify the IMDB data where we need build the model to classify the movies reviews and to predict the Train and Test accuracies and complied to how the model can hyper tuned to get accuracy not to over fitted.

**Technology:** For commutation purposed I had worked in the Google Colab for the high level frameworks such as Tensor Flow 2.0, Keras. Pandas and Numpy, Neural networks on the CNN and RNN network and NLP applications.

**Duration:** On the pursuing data science course.

 Education: **B.Tech. (Mechanical Engineering)** from Avanti’s Scientific Technological Research Academy of Engineering, Hyderabad, JNTUH, Telangana in 2013 with 68.32 percentage.

Technical Skills

* **Programming Languages**: Python, Machine Learning, Artificial Intelligence, Deep Neural Networks, NLP and Sklearn Libraries.
* **Databases:** MySQL, MongoDB.
* **Platforms and Misc.:** Anaconda, Jupiter Notebook, Spyder IDE, Flask API, Visual Studio 2017, VS 2016, Anaconda, Python 3, Windows 10 and Mac iOS.

**Declaration:**

I solemnly affirm and state that the details stated above are true and correct to best of my knowledge

**Date: (T Sai Prasad)**