Bhagyasree Garatala

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Experience

COGNIZANT TECHNOLOGY SOLUTIONS PVT. LTD   **March 2019-present**

Programmer Analyst   *Bangalore,India*

- Holding an overall experience of 2+ years with Data science, Data warehousing technology, ETL tools like **Informatica Powercenter** and **Data stage**.
- Mainly involved in ETL Enhancement Modifying the mappings and transformations using **Informatica** and to load data from Oracle database and Flat files into the Teradata
- Worked on projects related to machine Learning, Computer vision and NLP   .
- Well experienced in team co-ordination, taking ownership of responsibilities, analytical, problem solving and negotiation skills with a high degree of comfort in dealing with management and vendors.

Projects

AutomatedML | *Python,Nosql:Cassandra, AWS , sklearn*

- Developed a AutoML model which accepts any Dataset and will result the statitics of different Models and also recommend the best model and download link .
- Cassandra(Nosql) Database is used to load and retrieve the dataset
- Explored various ML Regression ,classification and Clustering Algorithms.

Mask/Without Mask Localization | *Python, TFOD, Faster RCNN , ResNet v2*

- Gathered images from various sources on the internet.
- Labeled the faces by using labeling.exe
- Trained faster RCNN model for 50,000 epochs and got good accuracy
- The model is able to Localize with 13 fps.

Sentiment Analysis on Amazon Fine Food Reviews Data Set | *Python,nltk,gensim models*

- Cleaned and Deduplicated the data
- Trained own Word2Vec model using gensim text corpus and Tf-idf Word2Vec.
- Explored various ML classification algorithms and Ensemble Techniques to predict the positive or negitive review.

Walt Disney Parks and Resorts :

- Walt Disney is one of the important client in the Cognizant that comes under IME (Information Media and Entertainment) vertical, this account deals with all the Disney theme park related information into a different data warehouses based on its type of its details respectively.
- To facilitate the Walt Disney resorts Guest and Labor related data. We are responsible for the resort's day to day transaction, offers by analyzing the guest data based on the seasons and the response over offers and packages.

Caterpillar Inc. :

- It is the process of Supply Chain Management. Based on the supplier, they will analyze the number of products that are shipped/delivered/rejected.
- Trained different models for all the different facial attribute recognition.
- We build data stage jobs which orchestrates data from flat files, Oracle, DB2 and transforms it and then it loads to Teradata.

Education

RCEW, JNTU Anantapur   **July 2014 – July 2018**

B.Tech. (ECE) - 72.75 %   *Kurnool, AP*

Technical Skills

Languages: Python , SQL

ETL Technologies : Informatica, Data stage , Data warehousing

DataBases: **SQL :** mySQL , **NoSQL :** mongoDB , cassandra

Technologies/Frameworks: OpenCV, TensorFlow, Keras, Pytorch , nltk , numpy , pandas , matplotlib , seaborn

API with python : Flask(beginner) , Django(beginner)

Cloud Deployment : AWS , GCP , Azure , Heroku