JAGADEESH SANNIBOINA

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Objective:

I am Jagadeesh and my passion for building Machine-Learning solutions has made me pick machine-learning engineering as a career. I am a **Machine Learning Engineer** who has insights into *Deep Learning, Computer Vision, and Natural Language Processing*. To work for an organization that provides me the opportunity to improve my skills and knowledge in Data Science enabling growth for the organization.

Education:

Madanapalle Institute of Technology and Science (CGPA: 8.3/10) — July 2017 — June 2021
B. Tech, Electronics and Communication Engineering — *Madanapalle-AP*

AP Residential Junior College *(APRJC) (97.6%)* — July 2015 — Apr 2017
Intermediate MPC — *VenkataGiri-AP*

Experience:

Carelon — June 2021 — July 2023
Software Engineer — ***Bengaluru***

Risk Classification:

- Build a classification model like (XGBoost, RF, etc..) to tell the patients their risk of the pathology Reports.
- Participating in Data Preprocessing Techniques to make data useful for creating Machine Learning Models.
- Expertise in working with noisy data, unbalanced datasets, Model tuning, Metrics, and Feature Engineering
- Be involved in technology research, and capability building across newer technologies and tools in Machine Learning / Deep Learning.

Recommendation System:

- any new ticket will come, the resolution time is taking a lot of time. So, we build a similar ticket recommendation system
- We collected all the tickets data like name, description and summary, and comments
- And created a similarity matrix so that if a new ticket comes. They just enter the ticket number, The algorithm will clean, process, and create Matrix with linear kernel/ cosine similarity and fetch the top 10 similar tickets in the entire database

Automation in DevOps:

- I created automation Python code to migrate one environment to another of the CTM folder i.e., DEV to SIT vice versa, etc.
- Generate, modify and pulls require details of the XML file of the Control-M tool by Python and process like web scraping
- we need to fill the color of the Control M folders details in Excel by comparing the old and new files of XML format and need to get text reports by comparing Elastic Scheduling Platform (ESP) text reports, Control-M xml Reports
- we have decreased 50 percent of human efforts in Control M

Certifications/Additional Courses:

- TCS code vita passed — Aug 2020— Sep 2020
- Machine Learning Course passed which is conducted by NPTEL — Jan 2020— Mar 2019
- Introduction to Data Science and NLP in Udemy/ Simplilearn /Coursera an 8-week course.

Technical Skills:

Programming: Python, SQL, R, MongoDB
Research Tools and Libraries: NumPy, Pandas, Matplotlib, Seaborn, Scikit-Learn, Keras, OpenCV, TensorFlow, Nltk, Flask.
Concepts:

- Machine Learning: *Supervised/unsupervised ensemble model, EDA, FE, Hyper-parameter tuning, Model metrics.*
- Natural Language Processing: *Word2Vec, Glove, TF and IDF, LLM (BERT, GPT), Transformers and Self-Attention, Transfer Learning.*
- Deep Learning: *ANN, CNN (it's architectures), LSTM, GRU, GAN, NST, Vision Transformer. Transfer Learning, Variational AE, OCR*.
- Computer Vision: *YOLO, Object segmentation, Tracking and detection localization, Data Argumentation, Template, edge detection.*

Projects *Personal:*

Image Style Adding| DL *[LINK]* **Apr 2023 — May 2023**

- This project is based on adding our new styles of original images like artists.
- It is based on the deep learning concept i.e., Neural Style Transfer
- I used Streamlit as frontend and TensorFlow hub pre-trained model

Mini Messenger | MongoDB *[LINK]* **Jan 2023 — Feb 2023**

- It acts like a messenger we can transfer any text and links over the site.
- I used Streamlit as frontend and MongoDB as Backend

Login Website | SQL *[LINK]* MongoDB *[LINK]* **Aug 2022 — Sep 2022**

- I have created the sample Login page using Rest API Framework (Flask) and backend as SQL and MongoDB as well.
- I learned the Curd operations on SQL, MongoDB, and Rest API requests like POST, GET, and PUT management.

Laptop Price Predictor:*[LINK]* **May 2022 — Jun 2022**

- Given the training instances extracted from various websites, we predict the price of any laptop by regression problem.
- I learned data preprocessing, Feature Engineering, Model Building, and Model Deployment.

Languages:

- Telugu (Native)
- English

Interests:

Personal Details:

- Father Name : Srinivasulu Sanniboina
- Address (Permanent) : Vedicherla
  Gudur, Tirupati,
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