

Sushanth Ananthabhotla Venkata Subbu



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Career Objective:

To Work for an organization which provides the opportunity to improve skills and enhance knowledge and grow alongside the organization's objectives/goals.

Academic Performance:

<u>Qualification</u>	<u>Institution</u>	<u>University/ Board</u>	<u>Year of completion</u>	<u>Score</u>
B.Tech (Computer Science)	Sree Vidyanikethan Engineering College (Autonomous), Tirupati.	Autonomous (Affiliated to JNTU Anantapur)	2021	71.13%
Intermediate	Narayana Junior College, Nellore.	Board of Intermediate Education	2017	88.9%
10 th	Bhashyam High School.	Board of Secondary Education	2015	8.8 GPA

Skills:

- Programming Languages: Python, C, Java
- Machine Learning (Models): Linear Regression, Logistic Regression, KNN, Naïve-Bayes, Random Forest, XGBoost, Neural Networks/CNN, LSTM
- Databases: MySQL, PostgreSQL
- Development Tools: Anaconda, Jupyter Notebook

Projects:

Amazon Fine Food Reviews | [Kaggle](#)

Python | ML | NLP | Random Forest |Sentiment Analysis

- Analyse sentiment on user reviews on Amazon's dataset with food reviews.
- Performed EDA on the dataset to curate features, pre-processed the review text along with featurization of the text are few tasks performed in addition to others .
- After Training and Tuning various models, a model based Random Forests had an AUC of 0.85.

IEEE-CIS Credit Card Fraud Detection | [Kaggle](#)

Python | ML

- Working on Vesta corporations' online transactions dataset to classify fraudulent transactions.
- Performed EDA using Python utilizing standard analysis mechanisms like Histograms.

NYC Taxi and Limousine Data | [TLC Trip Record Data](#)

Python | ML

- Predict the possible number of a driver's potential pickups using location and time data, in the query and surroundings regions.
- Performed Data Cleaning, EDA, Time Series Analysis using Fourier Transforms.
- Obtained best metrics and results using XGBoost.

Personalized Cancer Detection – [Kaggle](#)

Python | ML | Ensemble Model

- Predict the effect of Genetic Variants to enable Personalized Medicine by classifying data into 9 genetic mutations.
- Best performed models after pre-processing and training are a stack of Naïve-Bayes, Logistic Regression, SVM and Random Forests.

Neck Ergonomics Posture Correction

Python | Computer Vision | Flask

- Analyse live video stream from a webcam to give recommendations on the right neck posture.
- Leveraged OpenCV to take live video feed as input and analyse the frame using Python.
- Created a web interface to stream the video input and output.

Areas of Interest:

- ❖ Machine Learning
- ❖ Big Data/Data Engineering

Certification:

- ❖ Working on AppliedAI's Machine Learning certification.
- ❖ ServiceNow – Certified System Administrator.

Co-Curricular / Extra-Curricular Activities:

- ❖ NCC Cadet (B-category) from 2015-2017 and attended various admirable camps all over the state and country.
- ❖ Participated in Basketball, Handball, and Netball tournaments at various levels.

Handles: github.com/sushanth0861

Declaration:

I hereby declare that the details furnished above are true and correct to the best of my knowledge and belief.

Date: 20 -April-2021.

Place: Nellore.

Sushanth Ananthabhotla Venkata Subbu