# Vamsi Chittoor

Data Scientist    PORTFOLIO

## SUMMARY

Data Scientist with a strong background in data analysis, statistical modeling, and NLP. Skilled in public speaking and passionate about sharing knowledge in the field of data science.

## WORK EXPERIENCE

**Data Scientist**    **May 2023 – Present**

Obviously.ai, Remote

➢ Conducting feature engineering on customer datasets.
➢ Analyzing large amounts of information to discover trends and patterns.
➢ Building predictive models and machine-learning algorithms

**QA Freelancer**    **Jan 2023 – Present**

GUVI Geek Networks, Remote

➢ Reviewing the courses related to my subject matter expertise which includes courses related to Data Science and providing necessary feedback to improve the courses.
➢ Reviewed more than 8 courses till date.

**Freelance YouTube Content Creator**    **Nov 2022 – Present**

ProjectPro,Remote

➢ Created engaging and informative videos on various topics related to AI, machine learning, data science, and big data.

## PROJECTS

**Omdena Projects**

➢ Worked in team of more than 10.
➢ **AI Road Safety**    **Github repo**
1. Web scrapped images of around 200 for Computer Vision and Twitter tweets of more than 1000 for NLP .
2. Collaborated in eye gaze detection and pose estimation in Computer Vision model and preprocessing data for NLP task .
➢ **Detecting Anomalies on Mars Surface**    **Github repo**
1. Image preprocessing : annotated 200 images with the anomalies using VGG image annotator and researched models for the project.
2. Final model detected all anomalies with atleast 86% confidence.
3. Task lead for model deployment :successfully deployed on Streamlit

**Bike sharing demand prediction**    **Github repo**

➢ AdaBoostRegressor have least Mean Squared Error and highest R2 Score of Hourly and daily prediction.
➢ Selected RandomForestRegressor as the optimal model with respect to size and computation and deployed on Streamlit.

**Heart Disease Prediction**    **Github repo**

➢ Built model with Azure Machine Learning Studio.
➢ Built a pipeline and generated REST endpoint and Primary Key .

**Customer Segmentation**    **Github repo**

➢ Detailed Analysis and Visualization on Customer Data Attributes.
➢ K-means Clustering to Segment the Customers into 5 segments .
➢ Selected optimal cluster size using Elbow method.

**Website Phising Detection**    **Github repo**

➢ Extracted Address , Domain and Javascript based features from raw urls.
➢ Selected XGBoost model with best accuracy of 0.86.

## CONTACT

· chittoorvamsi@gmail.com
· linkedin.com/in/vamsi-chittoor
· github.com/chittoorking

## SKILLS

### Data Visualization/Engineering:

· Excel · Regex · NLTK · Pytorch
· BeautifulSoup · Tensorflow · spaCy
· Tableau (Basic) · BigQuery(Basic)
· Google Data Studio(Basic)

### Tools and Languages:

· Python · Machine Learning · SQLite · Linux
· Git · AWS · Matlab · HTML · CSS
· R-programming · Flask · MongoDB
· PySpark · C-programming · Terraform
· Google cloud(Basic)
· Microsoft Azure ML studio(Basic)

## EDUCATION

**IIIT SriCity**
Bachelor of Technology
Electronics and Communication Engineering,
2019- 2023
Cum GPA :8.41/10

**Narayana Junior College,Renigunta**
Intermediate 2017- 2019
Cum GPA :10/10

## COURSEWORK and CERTIFICATIONS

· Python for Data Science
· Advanced Data Analytics
· Natural Language Processing in Python Track
· The Non-Technical Skills of Effective Data Scientists
· Applied Data Science I

## EXTRA CURRICULARS

**Member of Student Academic Council 2021-2022 IIITS**

· Addressed issues and requests from students with proper communication with institution and professors.

## OTHER

· Worked as Campus Ambassador in Verzeo to promote courses among more than 50 students.
· Actively participate in college National Service Scheme Activities