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Malak pet **Git hub** : <https://github.com/purushothamreddyc9>

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# **Career objective**

To secure results -oriented and challenging career assignments in **Data Science** and **Machine learning** where I can effectively contribute my skills and translate my passion into outstanding solutions, that could help organizations make informed decisions and gain edge over their competitors.

**Educational qualifications**

● B. Tech (EEE) in SVR College of Engineering /JNTU-A (2019) with 64%.

● Intermediate in Sri Sri Venkateswara Junior College (2014) with 79.1%.

● SSC in Keshava Reddy Public School (2012) with 8.7 CGPA.

**Data science skill set**

|  |  |  |
| --- | --- | --- |
| Statistical | * Descriptive and inferential Statistics, probability * EDA, Test of Hypothesis, Model validation & Diagnostic | |
| Machine learning | * Linear regression * Logistic regression * Decision trees * K-NN * Random forest * Ensemble Models * K-Means clustering | * PCA * SVM * Grid search CV * Time series * Naive Bayes * Recommendation systems |
| NLP | word embedding,tokenizing,Chunking,Word2Vec, sentiment Analysis, Text Analytics, Chat bots, Stemming ,Lemmatization | |
| Programming languages | Python(core ,advance ,data science),Basics C and R ,Azure ML, | |
| Web and DB Technologies | Flask API, My sql, mongo db, Telegram web, postman | |
| Cloud Technology | AWS, Microsoft Azure, Google cloud platform, Heroku, Git hub | |
| Chat bots | Amazon Lex, Azure Luis, Google Dialog flow, Rasa NLU | |
| Tools | Py charm, jupyter, Google Colab, Spyder all are python IDE’s | |

**Python projects**

**1.**Reviews Scraping and web scraping from E-commerce website (flip kart) using Flask API

2.Image Scraping from E-commerce website (flip kart) using Flask Framework

**Data Science projects**

**FIT Bit**

To build a regression model to predict the calories burnt based on the given indicators in the training data by using **K means clustering, Decision Tree regression, XG boost, Grid search CV Algorithms** and deployed iton **Azure Cloud Service**

**Insurance Fraud Detection**

To build a classification model, based on the claims made by the client we have to detect a certain person who makes fraudulent claims or not, this was done by using **K-means Clustering, XG boost, SVM Algorithms** and deployed it on **Azure Cloud Service**

**Visibility \_Distance**

To build a regression model to predict the visibility distance based on the given different climatic indicators in the training data by using **K means clustering, Decision Tree regression, XG boost, Grid search CV Algorithms** and deployed iton **Heroku**

**Sentiment Analysis**

To Analyze the data provided by the user from twitter chat whether the sentences are positive or not and here the training was done by using **TF-IDF Method, Naive Bayes Algorithm** for predicting we use **postman app**

**SMS Spam Detector**

To Detect the SMS chatting whether the chatting text is Spam or Ham, this is done by Naive Bayes Algorithm and Count Vectorizer for Feature Extraction, Using Flask API

Along with the above projects there were some other mini projects which were shown in my git hub repos.

**Certifications**

* Diploma in **Data Science**
* PYTHON (core, advanced, Data Science libraries)

**Additional information**

I was participated in the **MS AI Classroom Series** workshop conducted by **Microsoft.**

**Personal vitae**

* Date of birth : 08-08-1997
* Languages : English, Hindi, Telugu
* Gender : Male
* Marital Status : Un-Married
* Nationality : Indian