

# chaitanya kumar

Visakhapatnam, Andhra Pradesh

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08332931175

- Data Scientist with 1.4+ years of experience in transforming business requirements into analytical models, designing algorithms, building models.
- Efficient in preprocessing data including Data cleaning, Correlation analysis, Imputation, Visualization, Feature Scaling and Dimensionality Reduction techniques using Machine learning platforms like Python Data Science Packages (Scikit-Learn, Pandas, NumPy).
- Expertise in building various machine learning models using algorithms such as Linear Regression, Logistic Regression, Naive Bayes, Support Vector Machines (SVM), Decision trees, KNN, K-means Clustering, Ensemble methods (Bagging, Gradient Boosting).
- Experience in Text mining, Topic modeling, Natural Language Processing (NLP), Content Classification, Sentiment analysis, Market Basket Analysis, Recommendation systems, Entity recognition etc.
- Skilled in using statistical methods including exploratory data analysis, regression analysis regularized linear models, time-series analysis, cluster analysis, goodness of fit.
- Estimated models using Cross Validation, Log loss function, ROC curves used AUC for feature selection.
- Experience in Computer Vision of object detection, motion detector.
- Experience in Web Scraping using Selenium Python.
- Experience in Flask Integration using Python.
- Experience in Streamlit Application
- Experience in Herokocloud platform, Amazon Ec2 (Virtual Private Cloud).
- Knowledge in Pandas and Numpylibrary and Scikitlearn algorithm.
- Experience in working with Tableau for Data Visualization.
- Experience in working with HTML, CSS.
- Experience skills in databases including MYSQL Server including Stored Procedures.

## Work Experience

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### **Present Working as Data Scientist Programmer inTeqtin Software Solutions**

Teqtin Software Solutions - Visakhapatnam, Andhra Pradesh

August 2020 to Present

I am working machine learning models like Hotel Ranking system and object detection using OpenCV and web scraping with selenium

### **Data Scientist Programmer in Media3**

int Pvt Ltd

July 2019 to August 2020

Steel Plant gov.in

2017 to 2018

## Education

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### **BTech**

ECE from Sai Ganapathi Engineering College

### **S.S.C**

Board of Secondary Education with

## Skills / IT Skills

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- Operating Systems UNIX Shell Scripting (via PuTTY client), Linux, Windows 10  
Machine Learning  
Linear Regression, Logistic Regression, Naive Bayes, Decision Trees, Random Forest, Support Vector Machines (SVM), Hierarchical clustering, K-Means Clustering, K-Nearest Neighbors (KNN), Random Forest, Gradient Boosting Trees, Ada Boosting, PCA
- Python
- Machine learning
- OpenCV

## Languages

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- English - Intermediate
- Telugu - Expert

## Online Profile

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<https://roadaccidentpredictions.herokuapp.com/about#about>