Chakradhar Reddy Nallu

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**Education**

**MS in computer science-** University of South Florida, FL **Expected Dec 2025 Btech in Computer Science And Engineering -** Vardhaman College of Engineering, India (**GPA:3.55**) **August 2019 -April 2023 Relevant Experience**

# Smart Knower | code developer

# Developed different machine learning models for classification. Jan 2022– Feb 2022

**Academic Projects**

**Personality prediction using KNN algorithm** | Python, HTML, PHP

* Used to classify a person’s personality into big 5 personality traits based on Twitter text and developed using KNN.
* Used HTML, CSS, and Javascript for frontend and MongoDB, Python, and PHP.

**Crime rate prediction and analysis using K-Means clustering** |k-means algorithm, Random forest algorithm

* Developed a Machine Learning Model for analysis and predicting the crime rates of various states and cities in India.
* Used K-means clustering algorithm, Random forest algorithm.

**Remaining useful life prediction of rotating machines.** | Python, Django, User-Authentication, Reviews.

* It is used to predict the leftover functional life of a rotating machine using a convolution-based person developed using OpenCV.

**Position of Responsibility**

# TedEx

# Event Organiser 2021–Jan2022

# Student Executive Committee

# Vice Chairman 2022–Jan2023

# Technical Skills

**Programming and Scripting languages**: Python, R, SQL, HTML, CSS.

**Machine Learning**: Supervised and unsupervised learning, Linear and logistic Regression, Neural Networks, K-NN, Decision Tree, etc.

**Database Technologies**: MySQL, PL/SQL, SQL

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