Kali Triveni

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CAREER OBJECTIVE:

A highly motivated MCA student with a strong foundation in Python and a keen interest in Data Science. Passionate about leveraging machine learning, data analytics, and statistical techniques to derive meaningful insights and drive data-driven decision-making . Seeking an opportunity to apply my analytical skills and programming expertise in a dynamic environment to solve realworld business problems and contribute to innovative projects.

EDUCATIONAL QUALIFICATIONS:

Master of Computer Applications
Vikrama Simhapuri University, CGPA 8.5 2022-2024

Bachelor of Science (MPCS)
Aditya degree college, CGPA 9.2 2019-2022

TECHNICAL SKILLS:

- **Programming Languages**: Python, SQL
- **Pandas & Numpy**: Data manipulations & analysis
- **Machine Learning**: Scikit-learn, Tensor Flow, Random Forest, SVM, Linear/Logistic Regression
- **Data Visualization**: Matplotlib, Seaborn
- **Data Preprocessing**: Pandas, Numpy , Handling Missing Data, Normalization
- **Natural Language Process**, Tokenization, Lemmatization, Tfidfvectorizer
- **Deep Learning**: Neural Network, CNN, RNN
- **Generative AI**: Large Language Models (LLMs), GPT, Text Generation,Web Scraping, Time Series Analysis

CERTIFICATION:

- Completion of four-months offline training program on Programming with AI & Data Science from Vcube Software Solutions during 16th Nov 2024 to 21st March 2025

- Completion of one month online internship on Data Science from TechnoHacks Solutions Pvt.Ltd. during 23rd March 2025 to 22nd April 2025

PROJECTS:

#1. Title: Weather Data Analysis and Prediction system Using ML

Description: The Weather Data and Prediction System is a data-driven project aimed at analyzing historical weather patterns and predicting future weather conditions. Using a dataset containing attributes such as temperature, humidity, wind speed, cloud cover, season, visibility, weather type, these project insights into climate trends and forecasts.

Tools used: Pandas, Numpy, Sklearn, Matplotlib, Seaborn,

#2 Title: Mental Health Status Detection and Classification Using NLP

Description: This project focuses on analyzing and classification mental health statuses based on textual data using Natural Language Processing (NLP) and Machine Learning. The dataset consists of user statements categorized into different mental health conditions, including Normal, Depression, Suicidal, Anxiety, Bipolar, and Stress.

Tools used: NLTK, Regular expressions, TFIDF Vectorizer , vader(sentiment polarity), precision and recall.

K. Triveni

(TRIVENI. KALI)