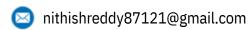
## Kareddy Nithish Reddy





https://github.com/Nithishkareddy



**(+91)** 8712108929

# **SKILLS**

#### **Machine Learning & AI:**

Solid understanding of Artificial Intelligence and Machine Learning concepts, including supervised and unsupervised learning, model evaluation, and data preprocessing.

#### **Programming & Analysis:**

Proficient in Python for data analysis, analytics, and machine learning using libraries such as Pandas, NumPy, scikitlearn, TensorFlow, and Matplotlib.

Proficient in writing SQL queries and managing relational databases using MySQL

https://www.linkedin.com/in/nithish-reddy-5a16ab295

#### **Data Visualization & BI Tools:**

Experienced with Power BI and Microsoft Excel for data visualization, dashboard creation, and reporting to support AI/ML insights and decision-making.

#### **Collaboration & Teamwork:**

Skilled in working on collaborative projects, promoting effective teamwork and shared success.

### **Adaptability**

Quick learner with strong adaptability to evolving technologies and project needs

#### **EDUCATION**

Computer Science(AI&ML)|Malla Reddy University Narayana Junior Collage (XII) Chanakya high school (X)

(2021-2025)CGPA 8.50 93.6%

CGPA:93

#### **EXPERIENCE**

#### **Machine Learning & Data Science Intern**

Feynn Labs Services | Jan - Mar 2025

Gained experience in AI prototyping, market segmentation, and financial modeling using machine learning techniques.

#### **Projects:**

Analyzed car buying patterns using clustering algorithms.

Built time-series forecasting models using historical data to predict future product demand.

Clustered EV manufacturers using sales data and regional indicators and visualized adoption trends across India.

Skills: ML, data analysis, clustering, forecasting, visualization

#### **ACADEMIC PROJECTS**

#### **Gender Identification from Voice**

Developed a system that extracts MFCC features from audio files and trains Gaussian Mixture Models (GMMs) for male and female voices. Classified the gender of test audio based on log-likelihood scores and calculated model accuracy.

#### **Deepfake Video Detection System**

Python, PyTorch, ResNet-50, Flask, OpenCV

Built a deep learning-based system to detect deepfake videos by analyzing facial inconsistencies in video frames. Used transfer learning with ResNet-50 for binary classification and deployed the model via a Flask web app with real-time video analysis using OpenCV. Achieved reliable detection by aggregating predictions across frames using threshold-based classification.

#### **CERTIFICATIONS**

- Machine Learning with Python Coursera (IBM)
- Introduction to Artificial Intelligence Infosys (Online)
- Python Data Structures Coursera (University of Michigan)
- Introduction to Cloud Computing Coursera (IBM)
- Microsoft Power BI Data Analyst -Coursera(Microsoft)
- Career Essentials in Software Development Microsoft & LinkedIn
- B2 Certificate CLMS