K.Nithish Reddy

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SKILLS

- Programming Languages: Proficient in Python (Data Analysis, Machine Learning) and basic knowledge of Java.
- Data Analysis & Visualization: Skilled in using libraries such as Pandas, NumPy, Matplotlib, Power BI Exploratory Data Analysis (EDA) and Microsoft Excel
- Machine Learning: Experienced in building and optimizing ML models
- Database Management: Strong understanding of MySQL for data storage and querying.
- Skilled in collaborative projects, fostering teamwork for shared success .
- Flexibility to learn new skills and work on.

EDUCATION

- Computer Science(AI&ML)|Malla Reddy University (2021-2025) *CGPA:8.44|(4-1)*
- XII |Narayana Junior Collage 93.6%
- X|Chanakya high school CGPA:93

EXPERIENCE

- **Machine Learning Internship at Bharat Intern (October 10,23 to November 10, 23.)**
  - Developed machine learning models using supervised learning to predict rental prices and wine quality based on relevant features.
  - Analyzed real-world datasets for apartments and wines to identify key factors impacting price and quality. Implemented data pre-processing techniques (cleaning, normalization, feature engineering) to optimize model performance.
- **PwC Power BI Virtual Internship(Forage)**

  PwC Academy | Completed 4 Power BI Projects
  - Call Centre Trends: Created dashboards to visualize key metrics and improve operational efficiency.
  - Customer Retention: Designed reports to analyze customer churn and identify retention strategies.
  - Diversity & Inclusion: Developed visualizations to track workforce diversity and inclusion initiatives.
  - Sales Performance Analysis: Built dynamic dashboards to monitor sales trends and performance.

ACADEMIC PROJECTS

❖ **Gender-identification-from-voice**

- The system extracts MFCC features from audio files, trains Gaussian Mixture Models (GMMs) for male and female voices, and uses these models to classify the gender of test audio files based on log-likelihood scores, with the accuracy of the identification process calculated and printed.

❖**Detection Of Fake Bank Currency Using Machine Learning**

- Engineered a deep learning system for real-time counterfeit banknote detection using image processing and neural networks (KNN, SVM) to combat financial fraud.

CERTIFICATIONS

- Coursera: Machine Learning with Python (IBM)
- Infosys: Introduction to Artificial Intelligence(online)
- Coursera: Introduction to Data Analytics(IBM)
- Coursera: Modern Data Warehouse Analytics in Microsoft Azure
- Coursera: Microsoft Power BI Data Analyst (Microsoft)
- Career Essentials in Software Development by Microsoft and LinkedIn
- CLMS: B2 Certificate