Uday Shankar Sripathi

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Career Objective

Looking for a job to learn and grow within a dynamic work environment where I can use my communication and interpersonal skills to build strong relationships with clients and colleagues.

Education

DR B.V. Raju Institute of Engineering and Technology **Hyderabad**
B.Tech in Electronics and Communication Engineering *2022–2026(pursuing)*
CGPA: 8.49 (Till Date)

Sri Chaitanya Junior Khalasala **Hyderabad**
Intermediate (M.P.C) *2019–2021*
CGPA: 9.80

Sri Vaishnavi High School **Kodad**
SSC *2018–2019*
CGPA: 9.5

Technical Skills

- Data Structures & Algorithms • Artificial Intelligence • OOPS Concept
- Machine Learning • Python • C++

Projects

Spam Detection Classifier: **JUNE 2023**
○ Developed a spam classification model using Naive Bayes classifiers (Multinomial, Bernoulli, Gaussian).
○ Utilized NLTK and CountVectorizer for text preprocessing and feature extraction.
○ Trained and tested on an email dataset, achieving up to 99.12% accuracy.
○ Evaluated performance using confusion matrix, precision, and recall scores.

Movie Recommender System:
○ Developed a collaborative filtering-based recommendation system using K-Nearest Neighbors (KNN).
○ Processed user-movie rating data and transformed it into a sparse matrix for efficient computations.
○ Utilized cosine similarity to identify movies similar to user preferences.
○ Implemented an optimized KNN model to provide accurate movie recommendations.
○ Filtered out low-rated and under-reviewed movies to improve recommendation quality.
○ Designed a searchable recommendation function to retrieve top similar movies based on input.

EV Prediction Regressor:
○ Implemented an Electric Vehicle (EV) prediction regressor using Linear Regression, SVM, and Random Forest algorithms, optimizing performance for accurate predictive modeling.

Personal Protofolio:
○ Deleveped a personal portfoilo using HTML,CSS .

Achievements

- Awarded Book Prize for Academic Excellence.
- Solved 150+ Data Structure and Algorithm problems on LeetCode and Code Chef platform.
- Achieved elite and sliver badge in soft skills.
- Won 3rd place in Mathematics Quiz competition conducted by SVHS Kodad.

Certifications

C++ Programming: Certification from Infosys Springboard

Machine Learning with Python: From COGNITIVE CLASS.AI

Python for Data Science: By IBM

SQL: Certification from Oracle

Soft Skills (ilver): Certification from N.P.T.E.L

The Joy Of Computing Python(Elite): Certification from N.PT.E.L