SUPRIYA JARUGU

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CAREER OBJECTIVE: To be associated with a progressive organization that gives scope to apply my skills and to be part of a team which dynamically works towards the growth of the organization.

ACADEMIC DETAILS:

- B.Tech (Information Technology) - Bapatla Engineering College - 2025, 8.58 CGPA .
- Intermediate – Pragathi Mahila junior college - 2019, 9.44 CGPA .
- SSC – Pragathi English Medium high school - 2017, 8.8 CGPA.

SKILLS:

- Programming Languages : C, Python, Oops.
- DBMS : SQL .
- Web technologies : HTML,CSS.
- Others : Data structures.

PROJECTS:

Crop Prediction and Translation using Machine Learning and Artificial Intelligence

- Python, Streamlit, Google Colab, Windows OS.
- A web application was created to help farmers choose what crops to grow.
- The application takes into account factors like weather and soil conditions.

Resume Screening using Machine Learning

- Python, Scikit-learn, NLTK, Seaborn, TF-IDF, Machine Learning Algorithms.
- Developed a machine learning-based system to automate resume classification into predefined job categories, improving recruitment efficiency through text preprocessing, feature extraction, and model evaluation.

Manual and Automatic Question Paper Generation System

- HTML, CSS, JavaScript, Bootstrap, Django (Python framework), PostgreSQL.
- The system offers both manual and automatic modes for generating question papers, catering to diverse needs. Manual mode allows custom question selection and arrangement, while automatic mode leverages a database and algorithms for efficient generation.
- The web-based application features an intuitive design with easy navigation, ensuring accessibility across various devices. It incorporates a responsive layout, sidebar menu, and visually appealing elements to enhance user engagement.

ACHIVEMENTS:

- Awarded in appreciation for outstanding achievements in academics(certificate of merit).

INTERNSHIP:

Movie Recommendation System | Python, Data Science, Flask, Collaborative Filtering

- **Built a recommendation system** using collaborative filtering to suggest personalized movies, leveraging Python libraries like **pandas and Surprise**.
- **Developed a user-item matrix** from preprocessed movie ratings data, implementing **user-based and item-based filtering** algorithms.
- **Created a web interface using Flask**, allowing users to input preferences and receive tailored movie recommendations.
- **Designed RESTful APIs and a responsive UI** for seamless frontend-backend communication and real-time movie suggestions.

PERSONAL SKILLS:

- Positive attitude.
- Self-motivated.
- Leadership qualities.
- Enthusiastic.
- Quick and self-learner.

I am confident of my ability to work in a team and I hereby declare that the information furnished above is true to the best of my knowledge.

(Supriya Jarugu)