BHAVANA PATURI

Vizag,Andhra Pradesh

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💡 PROJECTS

Travel Planner | DAA 🔗   **Nov- 2024**

- The Travel Planner using Dijkstra's Algorithm project aims to develop an efficient tool for route optimization, using Dijkstra's algorithm to find the shortest path between various locations in a travel network.
- The project simulates a real-world scenario where a traveler needs to plan the most time-efficient or cost-effective route across multiple destinations, considering various transport nodes (such as cities, landmarks, or airports) connected by weighted edges (representing distance, time, or cost).
- In this project, a graph-based approach is used where each location is represented as a node, and the edges between nodes represent possible travel routes with associated weights.
- Dijkstra's algorithm, a well-known graph search algorithm, is employed to calculate the shortest path between a starting location and a destination, considering all possible routes and providing the traveller with an optimal route.

AIML using Python 🔗   **July - 2024**

- This project aims to develop a predictive model using machine learning techniques to predict burnout rate of a Employee based on various factors. By understanding the factors contributing to burnout and developing prediction models, we aim to identify at-risk employees and provide targeted support.

🏢 INTERNSHIP EXPERIENCE

IBM 🔗   **June 2024 - July 2024**

- ∗ This project aims to develop a predictive model using machine learning techniques to predict burnout rate of a Employee based on various factors.
- ∗ By understanding the factors contributing to burnout and developing prediction models, we aim to identify at-risk employees and provide targeted support.

🎓 EDUCATION

SRM University AP   **2023 − Present**
BTech - Computer Science Engineering - **_CGPA_** *-* **_7.93_**   *Mangalagiri, Andhra Pradesh*

Sri Chaitanya Junior College   **2021 − 2023**
Board of Intermediate - MPC - **_Percentage_** *-* **_89%_**   *Vizag, Andhra Pradesh*

⚙ TECHNICAL SKILLS

- **Programming Languages:** Python, C++, C
- **Databases:** SQL
- **Web Technologies:** HTML, CSS, JavaScript
- **Development Tools (IDE's) :** VS code, Jupyter Notebook, MYSQL Workbench
- **version control systems:** Github