

Drumil Nikhare
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SKILLS

- **Programming Languages:** Python (proficient), Java (intermediate), C (intermediate)
- **Web Development:** HTML (proficient), CSS (proficient)
- **Databases:** MySQL (intermediate)

EDUCATION

Silver Oak University

Diploma in Information Technology (2024)

Volunteer Experience

MLTthon - Machine Learning Hackathon

Silver Oak University (2024)

- I organized MLTthon, a successful hackathon focused on machine learning innovations. I coordinated logistics, managed registrations, and fostered a collaborative environment for participants to tackle complex challenges. This experience enhanced my leadership skills and passion for fostering tech innovation. Utilized project management tools like Trello and communication platforms like Slack to ensure seamless event execution.

ACADEMIC PROJECTS

1. Text Encryption Tool

- Developed a text encryption tool using Python and Tkinter, featuring a user-friendly GUI.
- Implemented base64 encoding for secure encryption of plaintext messages, enhancing data confidentiality and demonstrating proficiency in Python and GUI development.
- Overcame challenges in handling large text files efficiently.

2. Weather App

- **Functionality:** This Python Tkinter application fetches and displays current weather data for a specified city using the OpenWeatherMap API. It shows temperature, weather conditions, wind speed, humidity, and pressure.
- **User Interface (UI):** Includes a search box, a search icon button, a logo, and labels for displaying weather information. Error handling is implemented to handle cases where the city is not found or there are issues with API data retrieval.
- Implemented caching to reduce API calls and improve performance.