



Contact

- +91-7982932782
- karantanwar5005@gmail.com
- Gurgaon, Haryana
- Portfolio
- karan2782
- karan-tanwar-790042239

Education

Career Accelerator Program
Prepleaf by Masai
Feb 2023 - present

B.Sc Maths
S.V.S. University, Meerut
July 2020 - December 2023

Technical Skills

- Python
- Data Structures and Algorithm
- CSS
- HTML
- JavaScript

Soft Skills

- Problem Solving
- Attention to Detail
- Time Management
- Remote work and collaboration

Achievements

- 4 stars on HackerRank in problem solving.
- Solved 150+ problems on LeetCode.
- 3 stars on HackerRank in Python.
- Zoom Marathon Challenge
Masai School
26-day video submission for English fluency
Certification Link

Certifications

- Python
- Guvi
- Certification Link

Karan Tanwar

Algorithm Developer

Professional Summary

Adaptable Algorithm Developer Intern proficient in algorithm design and Python programming. Skilled in analyzing and implementing new algorithms for computational problems. Demonstrates strong problem-solving capabilities and attention to algorithmic efficiency. Collaborative team player with the ability to adapt to changing project requirements.

Projects

Maze Solver [Live Demo Link](#) [Github Repo Link](#)

- Python
- Implemented Breadth First Search algorithm.
- Developed a terminal-based application that generates a random maze and finds a path from the start to the end
- Generated a random maze and visualized it in the terminal
- Took responsibility for generating a random maze, implementing the pathfinding algorithm, and visualizing the maze and path
- Tech of this project is Python.

Terminal Typing Master [Live Demo Link](#) [Github Repo Link](#)

- Python
- Import the Time library.
- Import the OS library.
- File Handling
- Developed a terminal-based typing test application to measure typing speed and metrics like words per minute (WPM)
- Implemented features such as updating and displaying leaderboard stored in a JSON file
- Loaded words from a JSON file into a Python dictionary
- Captured user input from the terminal and implemented the main game logic
- Tech of this project is Python.

Social media content download [Live Demo Link](#) [Github Repo Link](#)

- Python
- Import Instaloader library.
- Import PyTube library.
- This Python-based project enables users to effortlessly download social media content from Instagram and YouTube using two prominent libraries: Instaloader and Pytube.
- Developed an individual project in Python aimed at downloading social media content.
- Implemented Pytube to seamlessly download video and audio content from YouTube, showcasing versatility in media retrieval.
- Tech of this project is Python.

Using API to fetch the weather of the city [Live Demo Link](#) [Github Repo Link](#)

- Python
- Using API
- Created a project in Python that uses an API to get the weather details of a city.
- Connected to the OpenWeatherMap API to fetch real-time weather information.
- Ensured the project utilizes the OpenWeatherMap API for up-to-date and accurate weather information.
- Tech of this project is Python.