Contact

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Education

Full Stack Web Developer
Career Accelerated Program
Prepleaf By Masai
February 2023-present

B.Sc, P.C.M
Swami Vivekanand Subharti
University
March 2020 - October 2023

12th
C. R. B. V. M. Sr. Sec. School
March 2018 - May 2019

Technical Skills

Python   HTML   CSS

JavaScript

Soft Skills

Attention to Detail

Time Management

Problem Solving

Remote work and collaboration

Certifications

Python 🔗
GUVI

Karan Tanwar
Full Stack Web Developer

Professional Summary

Adaptable Algorithm Developer 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 an advanced terminal-based application in Python that generates random mazes and visualizes them.
- Implemented pathfinding algorithms to efficiently navigate and solve the generated mazes.
- Ensured clear and user-friendly visualization of the maze and the calculated path on the terminal.
- Focused on optimizing the maze generation process for performance and scalability.
- Tech Stack of this project is Python.

Terminal Typing Master   Live Demo Link   Github Repo Link

Python   Import OS Library   File Handling

- Developed a terminal-based typing test application to measure typing speed and metrics like words per minute (WPM).
- Implemented features to update and display a leaderboard stored in a JSON file for user rankings.
- Utilized Python and Import OS Library to develop and manage the application effectively.
- Tech Stack of this project is Python

Social media content download   Live Demo Link   Github Repo Link

Python   Import Instaloader library.

Import PyTube library.

- Developed a Python application to fetch real-time weather data from the OpenWeatherMap API, ensuring accurate and up-to-date information.
- Implemented robust API integration to retrieve and display weather details for various cities.
- Ensured seamless data handling and error management for reliable user experience.
- Tech Stack of this project is Python