



## Contact

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## Education

**Career Accelerator Program**  
Prepleaf by Masai, Bangalore  
April 2023 - present

**B.Sc**  
Rayagada Autonomous College,  
Rayagada  
July 2019 - September 2022

## Technical Skills

- Python
- HTML5
- CSS3
- Data structures and algorithms
- Complexity Analysis

## Soft Skills

- Problem Solving
- Teamwork
- Time Management
- Remote work and collaboration

## Certifications

PGDCA  
Sai Software Solutions  
Certification Link

Python  
HackerRank  
Certification Link

# Dikhya Sahu

## Algorithm Developer Intern

## Professional Summary

Motivated Algorithm Developer skilled in algorithm design, Python programming, and data structures. Proven problem-solving ability and efficient code implementation. Strong analytical skills and a keen interest in leveraging technology to tackle challenging problems in collaboration with a team.

## Projects

### Terminal-based Maze Solver [Github Repo Link](#)

- Python
- Colorama
- random
- Collections

- To develop a terminal-based application that generates a random maze, finds a path from the start to the end, and visualizes the maze and path in the terminal.
- Implemented a visual representation of the generated maze and, if applicable, the path in the terminal using Python.
- Utilized the 'colorama' library, along with the random and collections modules, to enhance the visual appeal and functionality.
- Completed the entire project individually within a span of 6 days.

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

- Python
- keyboard
- JSON
- Colorama

- Developed a terminal-based typing test application to assess users' typing speed.
- Implemented a feature that presents a random list of words from selected categories.
- Measured essential typing metrics, including words per minute, words typed, and time taken.
- Utilized Python with 'colorama' and 'keyboard' libraries, incorporated Threading Module for efficiency.
- Employed JSON for data handling in this solo project completed within 7 days.

### Text editor and directory & file manipulation [Github Repo Link](#)

- Python
- OS Module
- shutil module

- Developed an individual project in Python over a span of 4 days, focusing on a text editor and directory/file manipulation functionalities.
- Utilized the **os module** to perform efficient directory and file operations.
- Implemented robust error handling mechanisms for scenarios such as non-existing files or directories.
- Designed a user-friendly interface to facilitate seamless file editing and directory/file management operations.