CONTACT

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📍 Bangalore, Karnataka

💼 Portfolio

⬡ Dikhya016

in dikhya016

EDUCATION

Career Accelerator Program
Prepleaf by Masai
April 2023-present

B.Sc
Rayagada Autonomous College
July 2019 - September 2022

TECHNICAL SKILLS

Python | Django | MongoDB |
Data structures and algorithms |
Complexity Analysis | MySQL |
HTML5 | CSS3

SOFT SKILLS

Problem Solving | Teamwork |
Adaptability |
Time Management |
Remote Work and Collaboration

INTERESTS

- Browsing the internet
- Origami
- Listening to Music

CERTIFICATIONS

- Python
- PGDCA

Dikhya Sahu

Software Development Intern (Backend Focus)

PROFESSIONAL SUMMARY

Motivated Backend Developer skilled in algorithm design, Python programming, data structures, Django, and backend development. 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

1. Terminal-Based Maze Solver | ⬡
Python | Colorama | random | Collections
- Developed a terminal-based application in Python to generate and solve random mazes.
- Implemented maze visualization using the 'colorama' library, enhancing the user experience.
- Utilized 'random' and 'collections' modules to generate and navigate through the maze.
- Optimized the maze-solving algorithm for efficient performance.
- Ensured maintainable and scalable code by following best practices in Python development.

2. Terminal Typing Master | ⬡
Python | keyboard | JSON | Colorama
- Developed a terminal-based typing test application using Python to assess users' typing speed.
- Collaborated with threading modules to ensure efficiency and responsiveness.
- Implemented features to present a random list of words from selected categories, enhancing user experience.
- Measured and displayed essential typing metrics, such as words per minute and time taken, providing users with detailed performance insights.
- Utilized JSON for data handling and employed 'colorama' and 'keyboard' libraries to enhance functionality and user interaction.

3. Text Editor and Directory & File Manipulation | ⬡
Python | os module | shutil module
- Developed a Python-based text editor and directory/file manipulation tool with error handling.
- Utilized os and shutil modules to perform efficient directory and file operations.
- Implemented robust error handling for non-existing files or directories to ensure stability.
- Designed a user-friendly interface for seamless file editing and directory management.
- Completed the project independently within a span of 4 days, demonstrating backend development skills using Python.