Contact

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🏠 Cuttack, Odisha

○ Swadheen26

in swadheen-prusty

Education

Career Accelerator Program
Prepleaf by Masai, Bangalore
Apr 2023 - present

Bachelor of Technology
NIIS Institution of Technology,
Bhubaneswar
July 2023 - Present

Diploma in Automobile Engineering
Bhubanananda Odisha School
of Engineering, Cuttack
Aug 2013 - May 2016

Technical Skills

- Python
- Data Structures: Stack, Queue, Linked List
- Basic sorting algorithms
- Complexity Analysis

Soft Skills

- Teamwork
- Problem Solving
- Time Management
- Adaptability

Swadheen Prusty
Algorithm Developer Intern

Dedicated DSA intern with a strong problem-solving mindset and proven proficiency in Python. Possessing solid knowledge of key data structures and basic sorting algorithms. Demonstrated commitment through project development using open APIs. Ready to leverage analytical skills to contribute effectively in a dynamic team environment.

Projects

Terminal-based Maze Solver   Github Repo Link

Python   Colorama   Random   Collections

- Developed a terminal-based application that generates a random maze and finds a path from the start to the end.
- 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.

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

Experience

○ Aug 2021 - Dec 2022
Ecorea & Kuroda Electric India Pvt. Ltd. Pune   Junior Engineer

- Enhanced equipment reliability through MTTR and MTBF analyses.
- Maintained an efficient PM calendar and tracked schedules.
- Facilitated transparent communication with monthly meeting PowerPoint presentations.

○ Sep 2016 - July 2021
Subros Limited, Pune   Assistant Engineer

- Reduced rejection rates through corrective actions.
- Used instruments for precise product measurements.
- Conducted tests for HVAC system components.
- Managed final inspection, dispatch, and inventory.