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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

Swadheen Prusty
Algorithm Developer Intern

Professional Summary

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

Text editor and Directory & File manipulation   Github Repo Link

Python   OS Module

- Built a program that allows users to edit text in a file and perform various operations on directories and

files using the OS module

- Developed a user-friendly interface for efficient file editing and streamlined management of directories and files
- Leveraged the os module to execute various operations related to directories and files

Experience

Ecorea & Kuroda Electric India Pvt. Ltd. │ Junior **Pune**   Engineer

Aug 21 - Dec 22

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

Subros Limited, Pune │ Assistant Engineer

Sep 16 - July 21

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