



Contact

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- Mumbai, Maharashtra
- Portfolio
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Education

- Career Accelerator Program**
Prepleaf by Masai
January 2023 - January 2025
- Bachelor of Science**
Dev College of Pharmacy
February 2023 - February 2025

Technical Skills

- Python
- Data structures
- Algorithms
- HTML
- CSS
- JavaScript
- SQL
- MySQL
- Complexity Analysis
- MongoDB
- Django
- Git & Github

Soft Skills

- Problem Solving
- Teamwork
- Creativity
- Time Management

Achievements

- Solved 630+ DSA Question on OJ Platform,**
Prepleaf by Masai
- Solved 204+ DSA Problems.**
Leetcode
- Problem Solving 5-star Certified**
Hackerrank

Amit Singh

Software Development Intern (Backend Focus)

Professional Summary

Dynamic and detail-oriented algorithm developer with a strong command of DSA in Python and adept problemsolving skills. Quick learner, easily adapting to new technologies. Proven ability in solving various problems using fundamental data structures and algorithms, proving a solid understanding of complexity analysis.

Projects

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

- Python
- Deque
- Recursion
- BFS
- DFS

- Developed a terminal-based maze solver using Python with Deque, Lists, Sets, and 2D-Lists for data management.
- Implemented advanced algorithms including Breadth-First Search (BFS), Depth-First Search (DFS), recursion, and backtracking to find the path from start to finish in a matrix.
- Optimized performance to ensure efficient pathfinding and visualized the solution directly in the terminal.

Terminal-Based Sudoku Solver [Github Repo Link](#)

- Python
- 2D-List
- Recursion
- Backtracking

- Created an advanced terminal-based application in Python for generating and solving Sudoku puzzles.
- Utilized recursion and backtracking techniques to efficiently solve generated puzzles and display solved grids.
- Incorporated colorful terminal formatting for better user interaction and experience.

Terminal Typing Master [Github Repo Link](#)

- JSON
- OS
- Time
- Random
- List

- Developed a Terminal-based Typing Master program that designed to enhance typing speed and accuracy.
- Implemented features for users to test their typing skills and create unique usernames.
- Utilized JSON (JavaScript Object Notation) for efficient data handling and OS functionalities in the development process.

Experience

Reliance General Insurance | Customer Care Executive August 2023 - October 2023

- Managed the process of bringing in new clients at Reliance General Insurance, ensuring a smooth and effective experience.
- Explained insurance products to customers, highlighting their advantages for successful sales.
- Managed the process of bringing in new clients, ensuring a smooth experience.