

Naitik Singhal

A beginner participant in programming competitions, skilled in Java, C++, and Python, demonstrating strong problem-solving skills and expertise in algorithms. Possesses significant knowledge of Arduino and Raspberry Pi, utilizing these platforms for creative hardware ventures.

Skills and Competencies Document

Programming Achievements

Codechef : 1496 (2 Star)

Leetcode : 90+ Problems

Projects

4x4x4 LED CUBE

The 4x4x4 LED cube is a captivating three-dimensional display comprised of 64 individually addressable LEDs arranged in a 4x4x4 grid.

COCOMO Calculator

Web-based COCOMO calculator using HTML, CSS, and JavaScript. This tool allows users to estimate the effort and cost required for software development projects based on their size and complexity.

Sorting Visualiser

The Sorting Visualiser, developed in Python, showcases the efficiency of sorting algorithms through captivating visualisations.

Arduino Learners Kit

The Arduino Learners Kit offers an immersive hands-on experience for students delving into the world of Arduino and electronics.

Bluetooth Controlled Car

An IoT enabled car designed using Arduino and operated using HC-05 Bluetooth module showcasing the embedded control of electric motors.

Educational Background

Bachelor's of Technology in Internet of Things (IoT)

Madhav Institute of Technology and Science

2022 - Present

CGPA : 8.89

Board (Class XII)

Delhi Public School, Gwalior

2022

Score : 89%

Board (Class X)

Delhi Public School, Gwalior

2020

Score : 89%

Contact

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Skills

Technical Skills

- DSA
- Java
- Python
- C++
- Arduino
- HTML
- CSS
- JavaScript

Soft Skills

- Communication Skills
- Teamwork
- Problem-solving
- Time Management

Languages

- English (Fluent)
- Hindi (Fluent)