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Anurag Mishra

INTERNEE

EDUCATION

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

Madhav Institute of technology and science :
2022–Present

Current SGPA : 8.5

Board Class(XII)

Miss Hill School : 2021–2022

Board Class(X)

Miss Hill School : 2019–2020

SKILLS

Arduino

C++

Python

HTML

Embedded Systems and Programming

Sensors and actuators

SOFT SKILLS

Problem solving

Teamwork

Project Management

Communication skills

Time management

LANGUAGE

English

Hindi

CERTIFICATION

Python Programming By coding ninja

PROFILE

A passionate and dedicated software developer with a strong focus on enhancing my C++ and Data Structures & Algorithms (DSA) skills. I have hands-on experience in working with various sensors and microcontrollers, demonstrating my ability to understand and implement hardware–software interactions. My problem–solving skills, honed through various projects and challenges, enable me to tackle complex issues and deliver efficient solutions. I am eager to leverage these skills to contribute to a dynamic and innovative team.

PROJECTS

LED CUBE

The LED cube is a mesmerizing three–dimensional display, featuring 64 individually addressable LEDs configured in a 4x4x4 grid. This cube provides a stunning visual experience, illuminating patterns and sequences in a captivating dance of light..

Arduino Learners Kit

The Arduino Learners Kit serves as a comprehensive gateway into the world of Arduino and electronics. It offers a hands–on, immersive experience for students, providing them with the tools and knowledge to explore and create their own electronic projects.

Bluetooth Controlled Car

This project showcases an IoT–enabled car, designed using Arduino and operated via the HC–05 Bluetooth module. It demonstrates the power of embedded control systems, with electric motors responding to Bluetooth commands, offering a glimpse into the future of remote–controlled vehicles.

Pulse Oximeter

This project is a Pulse Oximeter built using an Arduino Uno and the MAX30100 Pulse Oximeter Sensor. It's designed to measure and display the user's heart rate and blood oxygen saturation levels in real–time. This compact and efficient device is an excellent tool for health monitoring at home or for medical applications.