ARNAV PANWAR

panwararnav21@gmail.com | +91 99100 36875 | LinkedIn | GitHub | LeetCode

EDUCATION

Vellore Institute of Technology   Vellore, India
Bachelor of Technology in Computer Science and Engineering   September 2023 – July 2027
- Cumulative GPA: 8.66

The Khaitan School   Noida, India
Class XII (CBSE): 84%   April 2022 – April 2023
Class X (CBSE): 83%   April 2020 – April 2021

TECHNICAL SKILLS

Languages: C, arduino, Python, Java
Frontend: React.js, HTML5, CSS
Backend: Node.js, PostGreSQL
Tools: Git, Visual Studio Code
Concepts: Data Structures, OOPS

PROJECTS

Color Sorting Robotic Arm [GitHub]

- Developed a color detection algorithm in Python to classify objects using real-time image analysis on Raspberry Pi
- Implemented servo motor control in Arduino (C) to automate object sorting based on detected color categories
- Designed an integrated system with Raspberry Pi and Arduino for seamless communication and synchronized actuation
- Created boot-time execution scripts and demonstration videos to ensure reproducibility and user-friendly deployment

ACHIEVEMENTS

- Oracle Certification: Generative AI