Muskan Jain

Contact Information

Email: muskanvjain72@gmail.com/muskan.jain@students.iiit.ac.in

Phone: 9049699163

GitHub: https://github.com/muskanjain72

About me

*I am a passionate undergraduate at IIIT-Hyderabad who enjoys problem-solving through C++programming.

*With a decent interest in IoT and embedded systems, I love exploring new

technologies while balancing my days with a good playlist.

Education

--->B.Tech in Computer Science and Engineering

   International Institute of Information Technology, Hyderabad (IIIT-H)

   2024 –2028

---> Class 12 – CBSE (2022-2023)

   Percentage: 96.4%

--->Class 10 – CBSE (2020-2021)

   Percentage: 97.6%

Entrance Achievements:

- 99.87 percentile in JEE Mains

- Secured a good rank in JEE Advanced and got admission into IIIT-H

- secured a good rank in BITS entrance examination

Projects

*Made a personalized Portfolio website as my ISS Course project

*IoT-Based Smart Home System for Elderly Care

Ongoing | Technologies: ESP32, Node-RED, MQTT, MongoDB, Sensors (PIR, Ultrasonic, IR, LDR)

- Designed a smart home prototype to support independent and safe living for the elderly.

- Features motion detection, smart medication reminders, automatic lighting, and emergency alerts.

- Tracks visitor history, detects unidentified movement, and displays real-time logs via a Node-RED dashboard.

Skills

Languages: C++, Python, C, JavaScript

Tools/Tech: Node-RED, MQTT, MongoDB, Git

Platforms: Arduino, ESP32, Jupyter Notebook

Other: HTML, CSS, basic frontend dev, Postman

Achievements

- 100/100 in Chemistry (12th)
- 100/100 in Sanskrit (10th)
- 99.87 percentile in JEE Mains
- Qualified JEE Advanced and admitted to IIIT-H (one of the prestigious university of India)

Hobbies & Interests:

→ Solving algorithmic challenges
→ exploring emerging technologies
→ listening to Indian and lo-fi music,
→ playing badminton