

Pari Singhal

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EDUCATION

KIET Group of Institutions

BTech. Computer Science, (8.36/10)

Dr. K.N. Modi Global School

Senior High School, PCM (93.6%)

High School, PCM (96.8%)

Ghaziabad, UP

Aug. 2024 - Present

Ghaziabad, UP

Apr. 2022 - May. 2024

Apr. 2021 - May. 2022

TECHNICAL SKILLS

Languages: C, Java, Python

Developer Tools: Cursor, Visual Studio, IntelliJ, Arduino IDE, Git, Github

PROJECTS (Top 2)

Nagar Darpan | *JavaScript, Leaflet.js, Embedded C, AWS, MQTT, REST APIs,*

- Built a real-time smart city monitoring platform using ESP32 IoT sensors, Firebase RTDB, and Leaflet.js to track AQI, water quality (TDS), and waste levels across urban wards.
- Developed multi-role dashboards (Municipal, Ward, Citizen) with real-time data sync, interactive maps, and a gamified Civic Points reward system to drive citizen engagement.
- Integrated ESP32-CAM live streaming with Roboflow computer vision API for autonomous drone-based garbage detection and smart dustbin fill-level monitoring

Saarthi | *C/C++, Google Firebase, Flutter, Dart, Websocket, Esp8266, Fusion 360, Easy EDA*

- Built an IoT based smart glove that let paralysed and bed ridden patients interact with their surroundings and with their loved ones.
- Built app on flutter framework that let's user customize trigger options.
- Implemented firebase real-time database for state management.

ACHIEVEMENTS

- Winner, Innotech'24 (Institute's premier tech fest) ([Link](#))
- Departmental winner Innotech'25. ([Link](#))
- Major League Hacking Google Gemini track winner at Brainwave 2.0.

POSITION OF RESPONSIBILITY

Indian Society of Technical Education (Student Chapter)

President

- Led a team of 15 members.
- Organized National Mathematics Day with a footfall of 500+ members.
- Organized International Conference on Soft Computing and Mathematical Modelling-2024.