

# SACHIN GUPTA

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## Education

### KIET Group of Institutions

Bachelor of Technology in Electronics and Communication; CGPA: 7.1/10

Ghaziabad, India

Oct 2022 – Present

### Khanaiya Public School

Intermediate (12th Grade) Percentage: 70.1%

Jalaun, India

2021 – 2022

## Experience

### Self-Initiated Project – Cafe Website

Jan 2025 – Present

Frontend Developer (Freelance)

- Developed a fully responsive, interactive cafe website using Next.js, TypeScript, Tailwind CSS, and Node.js.
- Built key features like menu browsing, order placement, and seat booking interface.
- Focused on performance, clean UI/UX, and real-world problem-solving using modern frameworks.
- Deployed a demo version to showcase technical capabilities and frontend/backend integration.

## Projects

### Pollution to Production — Arduino, IR Sensor, Gas Sensor, Embedded C

Ongoing

- Developed an advanced air filtration system that captures pollutants and converts them into ink.
- Implemented real-time monitoring for pollution detection and filtration analysis.
- Built a hardware system using Arduino, an air filter, and IR sensor to convert pollutants into ink.

### Room Hunt — Next.js, Node.js, React, JavaScript

Dec 2023

- Created a room-hunting platform with real-time pricing, location, and owner contacts.
- Integrated user feedback and rating system for better decision-making.
- Optimized search with filters for price, location, and amenities.

## Position of Responsibility

### Cyber Peace Centre (CPC)

Ghaziabad, India

Core Member

May 2022 – Present

- Organized Linux events and skill development workshops.
- Conducted seminars for 200+ members to promote technical growth and industry readiness.
- Led networking initiatives for efficient communication and collaboration.

### KIET Group of Institutions

Ghaziabad, India

Student Placement Coordinator (SPC)

Aug 2023 – Present

- Coordinated placement activities between students and the training placement cell.
- Facilitated mock interviews, pre-placement talks, and placement drives.

## Technical Skills

**Languages:** JavaScript, TypeScript, C++, C, Python, HTML5, CSS3, SQL

**Frameworks & Libraries:** React.js, Next.js, Node.js, Express.js, Tailwind CSS

**Databases:** MongoDB, MySQL

**Tools & Platforms:** Git, GitHub, VS Code

## Achievements

**Pollution to Production:** Built a pollution-to-ink prototype; selected for patent filing.

**Innotech-2024:** Runner-up in institute-level innovation competition.

**Sleep Apnea Device:** Created a wearable to detect and alert apnea events.

## Coding Profiles

LeetCode: thesachingupta

Code 360: thesachingupta

GitHub: thesachingupta