

Nikhil Rai

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A Dynamic and Motivated ECE Student with a keen Interest in Computer Science, backed by a strong Foundation in both disciplines. Experienced in tackling complex technical challenges through a blend of theoretical knowledge and hands-on experience gained from multiple CS courses. Proven Adaptability, Problem-solving, and innovation skills. Ready to Contribute to projects merging electronic and computer science domains.

EDUCATION

Ganga Group of Institutes, *B.Tech in Electronic and Communication Engineering* | Jabalpur, India

Aug 2025

GPA: 8.5 / 10

EXPERIENCE

Indian Institute of Technology Delhi, *Internet Of Things(IOT) Engineer Intern* | India

JAN 2024 - APRIL 2024

- hands-on experience in cutting-edge IoT technologies. **localization** model for an unstable Weather forecasts.
- Optimized the localization model using IOT Sensors.
- Cloud data Storage for giving data to Users with intuitive Design

SKILLS

Languages	Python, C/C++, embedded C Matlab, Git,
Electronic	Digital System, Microprocessor, Embedded System, Signal and System, Arduino, Sensor Fusion
Software	Linux, Pytorch, OpenCV,
Certifications	Robotics Software Engineer, Egale Foundation –(2023) Microchip, Eduskill –(2024)
Soft Skills	Time Management, Problem-solving, Documentation, Engaging Presentation, Leadership, On-site coordination.

PROJECTS

Weather Station System Capstone Project, *IIT DELHI*

JAN 2024 - MARCH 2024

- USING MCU (**ESP32**) & integrated with IOT SENSORS
- Implemented MCU and sensor & for Data Collection & store in Cloud.

Certificates

Crash Course of Python	Google, Tata Strive
India 2023 Cyber Security Essential	CISCO
India 2023 Computer Networking	CISCO
India 2024	