

Nirmal Kumar Chauhan

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📁 OBJECTIVE

Motivated ECE student with a passion for learning and applying skills to create useful solutions. Hardworking and curious, with an interest in VLSI, core electronics, and emerging technologies. Aiming to build a successful career as an Electronics Engineer.

🎓 EDUCATION

National Institute of Technology Sikkim <i>Bachelor of Technology , Electronics and Communication Engineering (CGPA-6.8)</i>	09/2023 – Ongoing Rabangla, Sikkim
Sir Tashi Namgyal Senior Secondary School <i>Intermediate(XII) CBSE 82%</i>	02/2021 – 03/2023 Gangtok, Sikkim
Modern Senior Secondary School <i>Matriculation(X) CBSE 81%</i>	02/2016 – 02/2021 Gangtok, Sikkim

🧠 SKILLS

Programming Languages: C, Python

Web Technologies: HTML, CSS, JavaScript, My SQL

Hardware Description Language: Verilog

Microprocessor & Microcontroller: 8085

Soft skills: Time Management, Adaptability, Teamwork & Collaboration, Self-Motivation

Office Suite skills: Ms Excel, Ms Word, Tableau

Technical Skills: Matlab, DSA(Basic)

📁 PROJECTS

Face Recognition and Attendance System

- Developed a Python-based system to automate student attendance using face recognition.
- Implemented Haar Cascade Classifier (OpenCV) for real-time face detection from live video.
- Used LBPH (Local Binary Patterns Histogram) algorithm in OpenCV for face recognition.
- Integrated NumPy for efficient array and matrix operations during image processing.
- Connected system with a MySQL database to fetch and display student details.

Responsive Portfolio Website

Developed a responsive portfolio website using HTML, CSS, and JavaScript to showcase personal projects and contact information. Implemented smooth navigation, interactive elements, and mobile-friendly layout. Designed and structured the project to support future customization and content integration.

🏠 POSITION OF RESPONSIBILITY

TRAINING & PLACEMENT CELL ✨ Volunteer	04/2025 – Ongoing Rabangla, NIT sikkim
ANUVRAT (ECE Departmental Club) ✨ Secretary	11/2024 – Ongoing Rabangla, NIT SIKKIM

📄 CERTIFICATES

- Data Analytics Job Simulation(Deloitte) ✨

🏆 ACHIEVEMENTS

Smart India Hackathon 2023 (National Level):

Actively participated in one of India's largest hackathon, contributing innovative ideas and teamwork to solve real-world problem statements.

Winner – ENERGYED 2022 (District Level Quiz Competition):

Secured 1st position and awarded a cash prize of Rs.10,000 for outstanding performance.

Winner – Udaan Quiz (State Level Competition):

Demonstrated strong knowledge and quick problem-solving skills to win at the state level.