

# Nishanta Poudel

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I'm an undergraduate student in Electronics, Communication, and Information Engineering. I like understanding how things work at a deep level, whether it's circuits, software, or systems. I enjoy building projects that challenge me to connect theory with practice, especially in areas like electronics, automation, and educational technology. I value clear thinking, practical solutions, and learning by doing.

## SKILLS

Git, Python, javaScript, C, C++

## PROJECTS

### Personal Portfolio

**Live demo:** <https://nishantapoudel.com.np/>  
**Github:** <https://github.com/NishantNN/Minimal-portfolio>  
- Built my own minimal portfolio website

### Face-Recognition-Attendance-Engine

**Live demo:** <https://travelexplorer.app>  
**Github:** <https://github.com/NishantNN/Face-Recognition-Attendance-Engine>  
- A Face Recognition Attendance Engine that uses OpenCV Haar Cascade for face detection and Mean Squared Error (MSE) for recognition.  
- The system captures faces via webcam, verifies them for a few seconds, and marks attendance into a CSV file - while preventing duplicates for the same day.

### Quick Quiz (CS50P Final Project)

**Github:** <https://github.com/NishantNN/CS50P-Final-Project>  
- quiz where the user can set different criteria for questions that is to be asked to them. The criteria isflexible to the user.

### Amarkalyan Model Secondary School

**Live demo:** [amarkalyan.edu.np](http://amarkalyan.edu.np)  
**Github:** <https://github.com/NishantNN/Amarkalyan-SS>  
- Designed and Created a fully functioning website for the school where I completed my grade 9 and 10.  
- Features notices and admin panel for website customization.

## EDUCATION

**Institute of Engineering, Thapathali Campus** 2024 - 2028  
Bachelors in Electronics, Communication and Information Engineering  
Thapathali Kathmandu Nepal

**Kanchanjunga English Secondary School** 2021 - 2023  
+2 in Science  
Birtamode-Jhapa, Nepal  
- GPA:3.63

**Amarkalyan Model Secondary School** 2020 - 2021  
Grade 9 and 10  
Nayabazar-IIlam, Nepal  
- GPA: 3.85, 4.00

## **CERTIFICATIONS**

CS50 Introduction to Programming with Python (Harvard University)

**Portfolio:** <https://nishantapoudel.com.np>