

Nishanta Poudel

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Electronics, Communication and Information Engineering student with a strong foundation in Python and C++, focused on bridging the gap between hardware and software through automation and computer vision.

SKILLS

- ❖ **Software Foundations:** C, C++, Python, JavaScript, Git
- ❖ **Engineering:** Advanced Electronics, Control Systems, Digital Logics and Microprocessors, Computer Graphics, Electrical Circuits and Machines, Engineering Drawing
- ❖ **Mathematical Foundations:** Multivariable Calculus, Advanced Calculus (Laplace & Fourier Transforms)

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

GitHub: <https://github.com/NishantNN/Face-Recognition-Attendance-Engine>

-Git, C++, CMake, OpenCV

-Developed an automated attendance system using OpenCV; implemented Haar Cascade for face detection and optimized recognition accuracy using Mean Squared Error (MSE).

Quick Quiz (CS50P Final Project)

GitHub: <https://github.com/NishantNN/CS50P-Final-Project>

-Git, Python

-Quiz where the user can set different criteria for questions that is to be asked to them. The criteria are flexible to the user.

Amarkalyan Model Secondary School

Live demo: <https://amarkalyan.edu.np>

GitHub: <https://github.com/NishantNN/Amarkalyan-SS->

-Git, HTML, CSS, JavaScript, SCSS, Firebase

-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

Bachelors in Electronics, Communication and Information Engineering (2024 - Present)

Thapathali Kathmandu Nepal

-GPA: I/I (3.84)

Kanchanjunga English Secondary School

+2 in Science (2021 - 2023)

Birtamode-Jhapa, Nepal

- GPA: 11(3.72), 12(3.63)

Amarkalyan Model Secondary School

Grade 9 and 10 (2020 – 2021)

Nayabazar-Ilam, Nepal

- GPA: 9 (3.85), 10(4.00)

CERTIFICATIONS

CS50 Introduction to Programming with Python (Harvard University)

<https://certificates.cs50.io/a336039d-ee9b-4efa-8346-6b184ab69d9a.pdf?size=letter>