

Samikshya Dhamala

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Profile

Passionate Computer Science and Data Science student with a strong interest in Artificial Intelligence, data analytics, and software development. Actively engaged in hackathons, research, and innovative projects. Committed to continuous learning, problemsolving, and leveraging technology for meaningful impact with the skills like Python, machine learning, and digital solutions, with a keen focus on collaboration and real-world applications.

Education

BSC(hons) in Computer Science, Sunway college	2024 – present
Higher Secondary School, NIST, lainchaur	2022 – 2024
School Leaving Certificate, Galaxy Public School	2018 – 2022

Skills

Programming Skills

Python (Intermediate), HTML (Intermediate), C (Basic), C++ (Basic)

Data Science Skills

Jupyter, PowerBI(Basic), Excel

Others Tech Skills

UI/UX, Design Thinking, Fast API

Projects

OCR Nepali handwritten text to editable format, Best Beginner Winner

Designed and developed web-based project in hackathon | Nepali text editor: Python, Algorithm: Tesseract, OCR, Streamlit

Hospital Management System

As a project of python to practice oop and different function, datatypes of python

Smart Water Uses Monitoring System for Aquarium

Using Arduino as a main controller and different sensors to maintain the feasible environment for fish to survive in Tinkercad with proper report

Eventify, Event managemnt platform

It is a cloud-based event management platform designed to streamline the planning, promotion, and execution of virtual, hybrid, and in-person events. Technology used :React.js, Next.js, HTML,Tailwind css, Flask

Community Service and Outreach

Club Head, Oratory club head, Sunway college	2025 – present
College representative, AWS Cloud Club Nepal	2025 – present
Volunteer, Kalpabriksha , Nepal	2024 – 2025
College Ambassador, YSF Kathmandu organized by AIESEC	2024 – 2025

Club Head, *Science and technology club head, NIST college*

2022 – 2024

Ambassador of Sachet Nari, *Led by Aaviyanta Foundation*

Workshop

Design Psycology, *Mala Deep ,Sunway AI Batch*

2025

Learned user-centered problem solving, creative ideation, prototyping, and testing methods.

DEV Fest 2024, *Organized by Google Development Group, St-xavier college, Maitighar*

2024

Gained insights into emerging technologies and enhanced professional networking skills.

Data fellow, *Sunway Student Research Center*

2024

Here, I got the opportunity to get free access to Data camp account via which i got to learn various premium courses for free such as Machine learning, Data Visualization, NLP, and many more.

Languages

• Nepali

• English

• Hindi

References

Udit Kumar Mahato, *Research Lead, Sunway College Kathmandu*

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Sanket Shrestha, *Vice President, Sunway Student Service Council*

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