

Samip Lamsal

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PROFESSIONAL SUMMARY

A driven and passionate third year Computer Science student dedicated to solving real-world problems using the latest technologies. Skilled in Artificial Intelligence and Web Development, with hands-on experience from top IT companies in Nepal, including Fusemachines and Leapfrog Technology, as well as international organizations like Microsoft and the Hult Prize Foundation. Proven leadership in managing projects, leading committees, and organizing events, showcasing a strong ability to drive initiatives and collaborate with diverse teams. Also, actively sharing insights into technology and innovation on my YouTube channel 'SL7 Tech'.

EDUCATION

Amrit Science Campus, Tribhuvan University Kathmandu, NP
Bachelor of Science in Computer Science & Information Technology 2021-2025

Entrance	First	Second	Third	Fourth	Fifth	Sixth	Average
IOST Rank 22	82.6%	83.8%	78.4%	79.4%	77.6%	Ongoing	80.36%

Uniglobe HSS | SLC Kathmandu, NP
3.65 GPA, A+ 2018-2021

Meridian International School | SEE Kathmandu, NP
3.75 GPA, A+ 2008-2018

EXPERIENCE

AI Fellow March. 2024 – Present
Fusemachines Kathmandu, NP

- One of 200 AI Fellowship recipients from over 2000+ applicants.
- Doing courses and projects relating to Machine Learning, Deep learning, NLP, Generative AI.

Student Partner March. 2024 – Present
Leapfrog Technology Kathmandu, NP

- Selected as one of 20 Leapfrog Student Partners for batch 2024, out of more than 600 applicants.
- Receive mentorship from Leapfrog Technology to bridge the gap between academia and industry.
- Engaging with other student partners to lead tech communities.

Campus Director Oct. 2023 – Present
Hult Prize Foundation Kathmandu, NP

- Inaugural campus director of Hult Prize at Amrit Science Campus, appointed by the Hult Prize Foundation.
- Led a team of 18 organizing committee members for Hult Prize OnCampus program, largest global entrepreneurship program for students.
- Successfully organized multiple events, workshops on entrepreneurship and one Grand Finale.

Microsoft Learn Student Ambassador | Level Beta Aug. 2023 - Present
Microsoft Kathmandu, NP

- Organizing workshops and events in both local & global community with resources from Microsoft.

Founder Oct. 2015 – Present
SL7 Tech Kathmandu, NP

- More than 8900 subscribers and 4 million views on YouTube.
- Upload tech & programming tutorials, gadget reviews, gaming videos.

Technical Consultant (Web Development) Aug. 2023 – Sep. 2023
Gadgetbyte Nepal Pvt. Ltd Kathmandu, NP

- Troubleshooted REST API that linked affiliate marketing products from Daraz
- Fixed the Google API configuration and rewrote code in Python using the Google Sheets API.

Student Ambassador

NAAMII - NepAI Applied Mathematics and Informatics Institute for research

- Volunteered in fourth annual NAAMII AI School, serving crucial link connecting interested students to NAAMII.

Apr. 2023 – May. 2023

Kathmandu, NP

Executive Member

OSAC – Open Source ASCOL Circle

- Planned club activities and organized events and workshops in Amrit Science Campus.

Mar. 2023 – Present

Kathmandu, NP

PROJECTS

CleanCam | DeerHack 2023 Overall Winner | Flask, React, PostgreSQL, OpenCV, YOLO

- Used YOLOv8 model and custom algorithm for automatic AI based detection of illegal disposal of waste in public places through CCTV footage.

NEB Exam Preparation Apps | Html, SCSS, JavaScript, Apache Cordova

- Published two android apps, 'Heritage of Words Summary' and 'Sabaiko Nepali: NEB Summary' in Google Play Store
- Apps contained easy to read summaries and question answers important for Grade 12 exam preparation.
- Apps have more than 10,000 downloads combined with good ratings.

Federal Election 2079 Web App | React, Django, BeautifulSoup, PostgreSQL

- Developed a free to use live updating API with vote count data of Kathmandu and popular constituencies.
- Showed implementation through vote tracking web app in React.

Nepali Handwritten Digit Recognition | Python, NumPy, TensorFlow, Streamlit

- Recognition of Nepali handwritten digits 0-9 based on Convolutional Neural Networks

AI Covid Predictor | Python, NumPy, TensorFlow, Streamlit

- Developed a model to predict the probability of a person having COVID based on 20+ symptoms using Neural Networks.

SKILLS

Programming Languages: Python, C/C++, C#, SQL, JavaScript, HTML/CSS

Domains: Web Development, Database, Version Control, Machine Learning, Deep Learning, Computer Vision

Soft Skills: Leadership, Organization, Problem Solving, Creativity, Communication, Teamwork, Adaptability, Event Management

Languages: English, Nepali, Hindi, Turkish

ACHIEVEMENTS

'DeerHack 2023' Overall Winner

May 2023

- Team lead of 'Contrivers' at DeerHack 2023, a nationwide hackathon at Deerwalk Institute of Technology.
- Developed 'CleanCam', a system for AI enabled live detection of littering through CCTV footage.

'CodeBrisk' Finalist

Feb 2023

- Team lead of Amrit Science Campus at intercollege hackathon Codebrisk organized by Herald College.
- Became top 3 finalists and went to Kuri Village for 24-hour hackathon.

Mathematics Presentation Winner

May 2019

- Grade 11 Mathematics Presentation winner on topic 'Co-ordinate Geometry' in Uniglobe SS.

CERTIFICATION

- **React Basics**, Coursera.
- **Version Control**, Coursera
- **Introduction to Databases for Backend Development**, Coursera
- **Django Web Framework**, Coursera
- **Machine Learning Specialization**, Coursera

CONFERENCES

Hult Prize 2024 Regional Summit

Chulalongkorn University, Bangkok, Thailand

June 2024

- Invited to attend the summit as Campus Director of Hult Prize at Amrit Science Campus
- Watch pitches of emerging startups from all over the world and receive training related to entrepreneurship.