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 tutorials on latest technologies in my YouTube channel 'SL7 Tech'.

EDUCATION

Amrit Science Campus, Tribhuvan University — Kathmandu, NP
Bachelor of Science in Computer Science & Information Technology
80.36% (Ongoing) — 2021-2025

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

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

EXPERIENCE

Huawei Seeds for the Future 2024 — June. 2024 - July 2024
Huawei Technologies — Kathmandu,NP
- Selected for local round of Huawei Seeds for the Future 2024 program.
- Did courses on AI, 5G, Digital Power, Cloud Computing provided by Seeds Academy.
- Attended AI Ethics workshop and discussion at UNESCO office in Kathmandu.

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 – June 2024
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.
- Attended Hult Prize 2024 Global Summit at **Chulalongkorn University, Bangkok, Thailand.**

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.

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 — Apr. 2023 – May. 2023
NAAMII - NepAl Applied Mathematics and Informatics Institute for research — Kathmandu,NP
- Volunteered in fourth annual NAAMII AI School, serving crucial link connecting interested students to NAAMII.

Executive Member
OSAC – Open Source ASCOL Circle
- Planned club activities and organized events and workshops in Amrit Science Campus.

Mar. 2023 – Present
Kathmandu,NP

Founder
SL7 Tech
- More than 9000 subscribers and 4 million views on YouTube.
- Upload tech & programming tutorials, gadget reviews, gaming videos.

Oct. 2015 – Present
Kathmandu,NP

PROJECTS

CleanCam | DeerHack 2023 Overall Winner | Flask, React, PostgreSQL, OpenCV, YOLO
- DeerHack '2023' Overall Winner
- Developed a full-stack web application using Flask serving a REST API with React as the frontend.
- Used OpenCV and YOLOv8 model for AI based detection of littering 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.

Property Data Scraper Bot | Python, Selenium, BeautifulSoup
- Developed a web scraping bot to scrape US based property data from more than 5 websites.
- Used by the entire Civil Engineering team at Verisk.

Nepali Handwritten Digit Recognition | Python, NumPy, TensorFlow, Streamlit
- Recognition of Nepali handwritten digits 0-9 based on Convolutional Neural Networks

BookBounty (Ecommerce Project) | Next JS, Django, MySQL, JWT
- Academic group project for course Ecommerce in 6th sem.
- Developed an ecommerce website to list books for sale and make orders, worked specifically on the backend.

SKILLS

Programming Languages: Python, C/C++, C#, SQL, JavaScript, HTML/CSS
Domains: Machine Learning, Deep Learning, NLP, Computer Vision, Web Development, Database, Version Control
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