

Samip Lamsal

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PROFESSIONAL SUMMARY

Driven and passionate final-semester C student with a strong focus on solving real-world problems through cutting-edge technologies. Currently working as an AI Engineer at Proshore, where I design and develop intelligent chatbots and AI agents. Although I'm still a student, I've gained professional experience at some of Nepal's top IT companies—Fusemachines, Leapfrog Technology, and Proshore, as well as with international organizations like Microsoft and the Hult Prize Foundation. I am also the founder of SL7 Tech, through which I create content and collaborate with international tech companies. Proven leadership experience in managing projects, leading committees, and organizing impactful events, demonstrating my ability to take initiative and collaborate with diverse teams.

EDUCATION

Amrit Science Campus, Tribhuvan University - 81.64% (Ongoing) Kathmandu, NP
Bachelor of Science in Computer Science & Information Technology 2021-2025

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

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

SKILLS

Programming Languages & Tools: Python, LangChain, Azure AI Services, Git & GitHub, JavaScript, Docker

Domains: Machine Learning, LLMs, RAG, AI Agents, Web Development

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

EXPERIENCE

Founder Oct. 2015 – Present
SL7 Tech Kathmandu, NP

- Founded SL7 Tech at age 13 as a YouTube channel and tech blog initially.
- More than 9,400 subscribers and 5 million views on YouTube currently.
- Upload content related to general tech tutorials, programming and AI focused recently.
- Collaborating with clients across China, USA, and Turkey on product reviews and AI solutions.

AI Developer May. 2025 - Present
Proshore Kathmandu, NP

- Integrating enterprise grade GenAI solutions for Proshore's clients in Europe.
- Building AI chatbots, agents, and automations that scale.

Huawei Seeds for the Future May. 2025 - Present
Huawei Kathmandu, NP

- Selected for national round of Huawei's flagship student program.
- Did courses on AI, 5G, Cloud Computing and attended discussions at UNESCO Kathmandu.

Student Partner Apr. 2024 – Jan. 2025
Leapfrog Technology Kathmandu, NP

- Selected as one of 20 Leapfrog Student Partners for batch 2024, out of more than 600 applicants.
- Received mentorship from Leapfrog Technology on numerous technical and non-technical topics to learn, lead and grow.
- Awarded as **Top 3 LSPs of the batch** and got hired as an **Associate Software Engineer**.

AI Fellow Apr. 2024 – Oct. 2024
Fusemachines Kathmandu, NP

- Selected among top 150 AI Fellows from more than 2000 applicants.
- Completed courses on Machine Learning, Deep Learning, NLP, Generative AI taught by experts.
- Developed a **Nepali Document and Record Management System**, which got featured as one of the best projects.

- 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 the Hult Prize OnCampus program.

PROJECTS

NEB Exam Preparation Apps | 10,000 Downloads in Google Play | HTML, SCSS, JavaScript, Apache Cordova | [Link](#)

- Developed two android apps, ‘Heritage of Words Summary’ and ‘Sabaiko Nepali: NEB Summary’
- Apps contained easy to read summaries and question answers important for Grade 12 exam preparation.
- Published the app in Google Play Store at the age of 17.

CleanCam | DeerHack 2023 Overall Winner | OpenCV, YOLO, Flask, React JS, PostgreSQL, Azure | [Link](#)

- Fine-tuned YOLOv8 model, combined with a custom algorithm for AI based detection of littering through CCTV footage.
- Developed a full-stack web application using Flask serving a REST API with React as the front end.

Lumi – AI Chatbot | LSPP Best Project Winner | OpenAI, LangChain, ChromaDB, Flask, React JS, Azure | [Link](#)

- Developed a chatbot to give information about undergraduate level courses and colleges in Nepal.
- Implemented RAG along with a custom metadata algorithm, developed a full stack app using Flask and React.
- Project was a part of Leapfrog Student Partnership Program (LSPP).

Nepali Document and Record Management System | PyTesseract, OpenCV, PyTorch, Streamlit | [Link](#)

- An OCR system for digitizing Nepali documents and a document classification model.
- Fine Tuned Tesseract 5 on custom data, and trained classifier model from scratch.
- Project was a part of Fusmeachines AI Fellowship Program.

**More projects on my [GitHub profile](#)*

ACHIEVEMENTS

DeerHack 2023 Overall Winner (Team Lead of Contrivers), **CodeBrisk 2023 Finalists** (Team Lead of Amrit Science Campus), **Seventh Semester College Topper**, **Top 3 Leapfrog Student Partners 2024**, **Best Project Award** (Leapfrog Student Partnership Program), **Grade XI Mathematics Best Presentation Award** (Uniglobe College)

CERTIFICATIONS

Microdegree in Artificial Intelligence(Fusmachines), **Machine Learning Specialization**(Coursera), **React Basics** (Coursera) **Django Web Framework**(Coursera), **Version Control** (Coursera), **Introduction to Databases** (Coursera)

COMMUNITIES

Microsoft Learn Student Ambassador | Level Beta

Microsoft

- Organizing workshops and events in the tech community with resources from Microsoft and collaborating with peers.

Executive Member

OSAC – Open Source ASCOL Circle

- Planning club activities, mentored juniors and organized events and technical workshops in Amrit Science Campus.

CONFERENCE

Hult Prize Global Summit 2024

June 2024

Chulalongkorn University Bangkok, Thailand

- Represented Amrit Science Campus, collaborated with campus directors from numerous countries, attended workshops from experts and watched pitches of emerging student led startups from all over the world.

GitHub Field Day 2024

Nov 2024

Bhaktapur, Nepal

- Selected as one of 50 student tech leaders to attend the event out of 300+ applicants from all over Nepal.
- Had group discussions with other student leaders on issues affecting student led tech communities in Nepal.