

SAFAL POUDEL

WEB DEVELOPER | ML LEARNER

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Detail-oriented high school graduate with experience in web development . Proven track record of leading and building projects, mentoring peers. Strong technical skills combined with effective communication skills and organizational abilities to drive successful outcomes in diverse environments. Passionate about leveraging AI and technology.

LANGUAGES, FRAMEWORKS & TOOLS

Python	Next.js	Azure (VMs)	Git
MongoDB	TailwindCSS	Wordpress	VS Code

PROFESSIONAL EXPERIENCE

Student Researcher, Uunchai June 2023 - Present

- Developing Wordpress and Next.js Websites for businesses.
- Providing Local SEO Services.
- Scheduling meetings and working on design with the clients.

Web Developer, Kuhiro Studio July 2024 - August 2024

- Collected folk tales from different communities from various sources.
- Developed website using Next.js and Tailwind CSS.
- Fine tuned Google Gemini Model to streamline outputs.

Apprentice, Cisco Info Tech Pvt.Ltd Apr 2022 - Jul 2022

- Built a web scraper using Python frameworks : BS4 and Re.
- Learnt Elementor and Gutenberg site builders to work with Wordpress.

EDUCATION

High School Diploma, Computer Engineering April 2020 - April 2024

Kalika Manavgyan Secondary School

- Software Engineering, OOP, Computer Network, Physics, Maths etc.
- SLC Grade: 3.79

ACTIVITIES & LEADERSHIP

Vice President, ICT Club of KMGSS May 2023 - May 2024

- Mentored in Coding & Robotics Category.
- Gathered volunteers for KaloKalam and travelled to remote areas in Nepal to conduct inclusive Computer Science education sessions across 3 districts.

Technical Team Member, LOFA Butwal May 2021 - May 2022

- Built and implemented user-friendly website that effectively represented our organization's goals and reached a wider audience.
- Planned and executed like talk show, crypto currency and financial literacy session online during Covid.

PUBLICATIONS

AgroBot - Redefining Agriculture through Technology Sept 2023

International Journal of Recent Research and Review

The project analyzes methods to integrate Internet of Things (IoT) technology with Machine Learning (ML) algorithms for predicting crop diseases and monitoring soil health.

SELECTED PROJECTS

Kalokalam - Website

KaloKalam is an inclusive educational forum where students share NEB, Technical, Computer Engineering Nepal Notes.

ZippyX - Website

A File-sharing platform that simplifies the process of sharing files between users. Users can secure their file with password and file retention period is 48 hours.

Ibuilt - Website

IBuilt is a dynamic platform designed for developers to share their open source projects, discover innovative ideas, and collaborate with a community of like-minded individuals.

KalimaSAT- IOT

Miniature working satellite model with a web interface for data visualization, made using React, Node.js & MongoDB.

Accident Detection and Alert System - IOT

An IoT-based system designed to detect accidents and send alerts to family members of the individual involved in the accident with live location.

AWARDS & ACHIEVEMENTS

- Honorable Mention at International STEM Olympiad 2024 - Coding Category
- Honorable Mention at Nepal's First National Science Conference and Fair 2023
- Bronze at Young Scientist Summit Nepal 2021

ADDITIONAL INFORMATION

- **Languages:** Nepali, English, Hindi
- **Interests:** Web3, AI, Hiking, Cinematography, Sci-Fi Movies & Novels