



Sovit Lekhak

Student/Developer

Python Developer, Machine Learning Enthusiast, Former Lead Programmer At KMC Robotics Club

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EDUCATION

NEB +2

Kathmandu Model Secondary School

07/2018 - 02/2021

Kathmandu, Nepal, CGPA: 3.82

SEE

Laboratory Higher Secondary School

2005 - 2018

Kathmandu, Nepal, GPA: 3.9

WORK EXPERIENCE

President/Lead Programmer

KMC Robotics Club

2018 - 2020

Kathmandu, Nepal

Achievements/Tasks

- Responsible for programming microcontrollers designed by the hardware team.
- Attended over 15 National Level Robotics competitions and Events.
- Main Programmer of the team that won Robo-LOCUS 2018 organized by IOE Pulchowk Campus and secured 3rd position in WRO(World Robotics Olympiad) qualifiers of Nepal organized by STEM Foundation.

Executive Committee Member

AuraEd

01/2021 - Present

Achievements/Tasks

- Taught Computer Science to over 5000 underprivileged children in over 20 districts of Nepal
- Conducted online tech education events in partnership with Microsoft Learn with over 3000 attendees.

Contact : <https://auraed.org/>

Content Writer

TheTechrim

04/2020 - Present

Kathmandu, Nepal

Blog post writer at Techrim, a tech niche blog with 85000+ page visits.

Achievements/Tasks

- Keyword research.
- Writing SEO-friendly articles.
- Handling guest-post requests.
- Written about 10 articles with 2000+ visits.

SKILLS

Data Analysis

Back-end Development

Machine Learning

Cloud Computing

Robotics

Networking

Blogging

Data Visualization

Statistical Tools

Git and Github

Microcontroller Programming

PERSONAL PROJECTS

ISKUL: Django Based School Management System
(08/2020 - 09/2020)

- Built and Demonstrated the project in Project 101 organized by Microsoft Learn Student Ambassadors Nepal.

AdAstra (05/2021 - 08/2021)

- Machine Learning Based API to make real-time detections of cardiac arrest risk with a recall of over 90%.
- Presented the project in Provathon, one of the biggest hackathons of Nepal and won the regional finals.
- Winner of hAccess 2021 among 104 teams internationally.

BRIKSHA (07/2021 - 08/2021)

- Built and deployed BRIKSHA, a deep learning based app to recognize plant diseases and suggest possible remedies to the farmers.
- Selected to represent Nepal in I-Fit Aptitude challenge of Iowa State University.

LANGUAGES

Nepali

Native or Bilingual Proficiency

English

Professional Working Proficiency

Hindi

Professional Working Proficiency