

Shishir Chaulagain

Budhanilkantha, Kathmandu • +977 9860293185 • shishirchaulagain4@gmail.com

[LinkedIn Profile](#) • [Portfolio Website](#)

Professional Summary

Highly skilled and motivated Civil Engineering graduate with a focus on water resources management. Proven track record in academic research, leadership in field projects, and proficiency in technical software. Adept at problem-solving and equipped with a strong foundation in both technical and soft skills. Currently involved in research leveraging deep learning for predicting soil moisture in the near future.

Skills

Machine Learning, Deep Learning, and AI

ArcSWAT

Satellite Data Extraction

Project Management and Leadership

GIS and Remote Sensing

Technical Software Proficiency: AutoCAD, ArcGIS, HEC-RAS, Python, R Studio, Google Earth Engine

Public Speaking and Effective Communication

Fast Learner with an Innovative Approach

Work History

Researcher, Soil Moisture Prediction Project

2024 – Present

Engaged in a cutting-edge research project utilizing deep learning techniques to predict soil moisture levels for the near future. This work aims to enhance agricultural productivity and water resource management.

Researcher, Drought Impact Assessment

2024

Conducted an in-depth study on the impacts of drought on agriculture, providing valuable insights for sustainable farming practices and contributing to policy recommendations.

Education

Bachelor of Engineering in Civil Engineering

Graduated: 2024

Tribhuvan University, Kathmandu

Achievements

Received multiple academic scholarships for excellence in semester examinations.

Successfully led a research project on the assessment of drought impacts on agriculture.

Hobbies

Keen interest in coding and solving complex design problems.

Continuously learning new technologies and methods related to water resources engineering.
