Shishir Chaulagain

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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. 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 research project utilizing deep learning techniques to predict soil moisture levels for the near future. 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.

Education

Bachelor of Engineering in Civil Engineering   Graduated: 2024
Tribhuvan University, Kathmandu

Achievements

Received multiple academic scholarships for excellence in semester examinations.

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.