

ANISH LAMSAL

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EDUCATION

Binghamton University, State University of New York

Master of Science in Data Analytics

Binghamton, NY

Expected December 2028

KFA Business School, Lincoln University College

Master of Business Administration (MBA)

Kathmandu, Nepal

July 2024

Purwanchal Campus, Tribhuvan University

Bachelor of Agricultural Engineering

Dharan, Nepal

December 2021

TECHNICAL SKILLS

Programming: Python (Pandas, NumPy), SQL

Data Analysis Tools: Excel, ArcGIS, Tableau

Other Skills: AutoCAD, GIS Mapping, Technical Documentation, Reporting, Microsoft Office Suite

PROFESSIONAL EXPERIENCE

Ministry of Industry, Agriculture and Co-operatives, Koshi Province

Agricultural Engineer

Biratnagar, Nepal

May 2021 – March 2024

- Led the design and supervision of agricultural infrastructure projects, including a 1,000-ton crop storage warehouse for Nepal's Ministry of Industry, Agriculture, and Cooperatives, helping farmers reduce post-harvest losses through safe storage of nearly 18,000 sacks of paddy
- Developed technical plans for irrigation systems, livestock sheds, cold storage facilities, and agricultural machinery under government subsidy programs by coordinating with engineers, contractors, and local farmers, improving operational efficiency and supporting adoption of modern farming practices
- Supervised installation and field implementation of livestock sheds, dairy equipment, and mechanized farming tools through on-site inspections, technical evaluations, and stakeholder coordination, ensuring compliance with engineering standards and successful project execution

Bar Pipal Engineering Consultancy

Engineering Intern

Itahari, Nepal

September 2018 – April 2021

- Supported civil and agricultural designs by conducting technical field assessments and precise surveying for irrigation and road projects, ensuring compliance with engineering standards and eliminating field errors
- Accelerated project completion timelines by analyzing site data to prepare technical reports and progress records, effectively streamlining critical communication between senior engineers, contractors, and local stakeholders

PROJECT EXPERIENCE

Field Study on Mini Tillers and Farm Machinery

Research Lead

Ilam, Nepal

August 2021

- Led field research on mini tiller usage and agricultural machinery accessibility among farmers in Barbote and Pyang villages by collecting and analyzing survey data on land utilization, repair accessibility, and mechanization challenges, helping identify critical barriers to modern farming adoption
- Analyzed field survey findings to prepare comprehensive technical documentation and data-driven presentations for local government panels, successfully supporting targeted discussions on improving machinery accessibility and promoting sustainable mechanized farming practices in rural communities

Advanced Training in Agricultural Engineering

Participant

IIT Kharagpur, India

May 2018 – June 2018

- Completed an intensive 21-day training program on agricultural engineering systems, farm mechanization, and sustainable farming technologies through hands on laboratory work, technical demonstrations, and applied engineering exercises at IIT Kharagpur
- Collaborated with faculty and international engineering peers on practical exercises related to agricultural infrastructure, gaining critical hands-on exposure to modern technologies to design scalable and sustainable engineering solutions

ADDITIONAL INFORMATION

Languages: English(Fluent), Nepali(Native), Hindi(Fluent)

Interests: Sustainable Agriculture, GIS, Data Analytics