

# RAMKRISHNA MAHATO

## Civil Engineer

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## OBJECTIVES

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- To apply my academic knowledge and foundational skills in civil engineering to real-world projects, ensuring quality and sustainability in construction while gaining valuable experience and evolving as a competent and dedicated professional.
- To build a solid foundation in civil engineering by actively engaging in diverse and challenging projects, while contributing to the organization's success through my commitment, technical skills, and enthusiasm for continuous learning.

## PROFESSIONAL SKILLS

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- **Technical Skills:** Knowledge of Construction methods, Effective Communication and Documentation, Drafting, Quantity Estimation, Planning, BBS
- **Software Skills:** AutoCAD, CIVIL3D, QGIS, HEC-RAS, ETABS, SAP2000, Google Earth Pro
- **Microsoft Office:** MS Excel, MS PowerPoint, MS Word

## LANGUAGE

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- English
- Nepali
- Maithili
- Hindi

## ACADEMIC EXPERIENCE

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**Likhu 1-(77 MW) and Likhu 2-(55 MW) Hydropower Project** – *Solukhumbu, Nepal*

**Intern/trainee Engineer**

- Supervision in the construction of trench weir
- Seepage control of collection pool, tailrace and headrace tunnel
- Shotcreting and cement grouting at HRT, vertical shaft, gantry construction in tunnel and quality control work.
- Supervision in concreting of Switchyard

**Final Year Project** (Study of Hydroelectric Potential of Chepe River) – *Lamjung, Nepal*

- Hydrological Analysis of Chepe River
- Hydraulic Design of headworks, headrace tunnel, surge shaft and penstock
- Stability Analysis of Weir and Under Sluice
- Stability Analysis of Anchor Block

## EDUCATION

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<b>School Level / SLC</b> – <i>Lahan, Siraha, Madhesh Province, Nepal</i> Little Star English School	07/2015
<b>+2 College</b> – <i>Kumaripati, Lalitpur</i> Prasadi Academy Secondary School	08/2017
<b>B.E. in Civil Engineering (Specialization in Hydropower)</b> - <i>Dhulikhel, Kavre</i> School of Engineering, Kathmandu University	06/2023

## NON-ACADEMIC EXPERIENCE

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Event Administrator – Sankalpa’ 22 - Annual Civil Engineering Expo	2022-2023
Advisor of Kathmandu University Youth Red Cross Circle	2022-2023
President of Kathmandu University Youth Red Cross Circle (KUYRCC)	2021-2022
Sponsor Team Member – Sankalpa’ 21: Annual Civil Engineering Expo	2021-2022
Vice-President of Kathmandu University Red Cross Circle (KUYRCC)	2019-2021
Executive Member of Kathmandu University Civil Engineering Club (KUCEC)	2019-2020
Executive Member of Kathmandu University Youth Red Cross Circle (KUYRCC)	2018-2019

## CERTIFICATION

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**Nepal Engineering Council (NEC): Engineering License:** - [NEC REGD. NO. 82946](#)

## REFERENCE

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Associate Prof. Dr. Shyam Sundar Khadka  
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Kathmandu University  
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