

Shital Ghimire

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PROFESSIONAL SUMMARY

Civil Engineering graduate from Kathmandu University (KU), Nepal, with academic specialization in hydropower engineering. Currently working as a Planning Engineer at Sinohydro Corporation Limited on the Tamakoshi V Hydropower Project (99.8 MW), responsible for schedule tracking, progress reporting, and site coordination. Built a foundation in planning and project controls, including scheduling with Primavera P6, through an internship at CDRC Claims, Disputes, Resolution and Consultancy Pvt. Ltd. Also holds practical exposure through an internship at the 100 MW Super Trishuli Hydropower Project. Familiar with construction supervision, concrete quality control, drawing interpretation, and technical documentation. Demonstrates strong interest in hydropower development and project planning.

PROFESSIONAL EXPERIENCE

Sinohydro Corporation Limited

Project: Tamakoshi V Hydropower Project - 99.8 MW, Dolakha, Nepal

Position: Planning Engineer (July – Present)

Key Responsibilities

- Track project schedules and monitor progress against baseline plans using Primavera P6
- Prepare progress reports for project stakeholders
- Coordinate with site teams to align planning with on-ground execution
- Support project controls processes on a large-scale hydropower construction project

INTERNSHIP EXPERIENCE

CDRC Claims, Disputes, Resolution and Consultancy Pvt. Ltd.

Position: Planning Engineer Trainee — Internship (June)

Key Responsibilities / Learning

- Built a strong foundation in planning and project controls
- Learned and worked hands-on with Primavera P6 for project scheduling and tracking
- Gained practical exposure to claims, disputes, and resolution consultancy work related to construction projects

Blue Energy Pvt. Ltd.

Project: Super Trishuli Hydropower Project - 100 MW

Position: Trainee Engineer

Super Trishuli Hydropower Project (100 MW) is a run-of-river project with a gated barrage serving as the main diversion structure. The barrage includes components such as breast wall, piers, radial gate grooves, and spillway bays. The project also comprises intake structures, trash rack system, and a surface powerhouse with draft tube arrangements, along with associated hydro-mechanical and civil works.

Key Responsibilities / Learning

- Assisted in site supervision activities and observed execution of works as per approved drawings
- Developed understanding of excavation works for barrage, intake, and powerhouse structures
- Observed grouting operations (consolidation and contact grouting) and foundation treatment methods
- Learned pre-concreting procedures including basic inspection practices and documentation processes
- Observed construction of hydraulic structures such as barrage, intake, trashrack, spillway, and draft tube
- Assisted in understanding formwork systems and reinforcement placement for structural components
- Gained exposure to concreting operations including batching, placement, vibration, and curing
- Learned basic coordination between civil and hydro-mechanical works, including embedment placement
- Developed skills in reading construction drawings and relating them to site conditions
- Observed quality control practices including cube testing and material checks
- Gained basic knowledge of project documentation and DPR-related concepts

ACADEMIC PROJECTS

Rehabilitation, Upgradation, and Maintenance of Sunkoshi Small Hydropower Project

- Conducted assessment of existing hydropower structures and identified key issues affecting performance

- Proposed rehabilitation and upgradation measures to improve efficiency and extend service life
- Analyzed maintenance requirements and suggested practical solutions for sustainable operation

Feasibility Study of Upper Modi 'A' Hydropower Project

- Performed preliminary hydrological and site analysis for project feasibility
- Evaluated technical and economic aspects including basic design considerations and cost estimation
- Prepared a structured feasibility report covering project viability and development potential

EDUCATION

B.E in Civil Engineering, (2026)

Kathmandu University (KU, SOE)

Higher Secondary Level (2021)

Xavier International College

KEY SKILLS

Planning & Project Controls: Schedule tracking, progress reporting, and coordination using Primavera P6

Construction Supervision: Practical exposure to site supervision and construction practices

Quality Control: Familiar with basic concrete testing and site quality procedures

Technical Documentation: Able to prepare reports and understand DPR concepts

Drawing Interpretation: Capable of reading and understanding construction drawings

Software: Primavera P6, AutoCAD, MS Office (Excel, Word, PowerPoint), QGIS, ProjectLibre