

MITHILESH YADAV

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Profile Summary

Civil Engineering graduate student with a Master's degree, having experience in building design, construction supervision, and retrofitting. Proven skills in project management, technical report preparation, and utilization of design software (SAP 2000, AutoCAD, SketchUp). Seeking a Senior Civil Engineering Internship position to contribute technical skills and support an inclusive and innovative organization.

Education

Master's degree in civil engineering

University of New Haven

December 2024

West Haven, CT

Bachelor's degree in civil engineering

Tribhuvan University, Institute of Engineering

January 2018

Pokhara, Nepal

Summary of Technical Skills

- Project Management and Planning
- Construction Supervision
- Architectural Design (SketchUp)
- Construction Project Management
- Health and Safety Compliance
- Estimation, Costing, and Scheduling
- Technical Assistance and Reports
- Retrofitting and Maintenance
- Quality Control and Assurance
- CAD, ETABS, SAP2000, SketchUp
- Building Inspection
- Residential Building design
- Non-destructive testing

Work Experience

Rataha Construction Pvt. Ltd.

Ratopool, Kathmandu, Nepal

Senior Engineer (Civil)

Dec 2019-Dec 2022

- Managed construction projects adhering to specifications.
- Supervised retrofitting of masonry and RCC-framed Hospital Buildings.
- Prepared designs, estimates, scheduling, and technical reports.

Government of Nepal, National Reconstruction Authority

Babarmahal, Kathmandu, Nepal

Civil Engineer

Sept 2018–Nov 2019

- Provided supervision for earthquake-resistant building reconstruction projects.
- Conducted training for masons on construction and retrofitting techniques.
- Conducted building inspections in Lamjung district.

Training Centre Nepal Pvt. Ltd.

Kathmandu, Nepal

Civil Engineer

Feb 2018-Sept 2018

- Offered technical support for the reconstruction and retrofitting of earthquake-affected houses in Gorkha district, Nepal, as part of the Emergency Housing Reconstruction Project funded by JICA Nepal.
- Supervised construction activities ensured quality control, and prepared technical reports, including progress reports, work schedules, test reports, inspection reports, cost estimates, and drawings.

Trainings and Certifications

- Software training in Staad Pro, AutoCAD, and SAP 2000 (2017 Tribhuvan University)
- Introduction to Safety Inspection of In-Service Bridges (FHWA-NHI 2023)
- Inspection and Maintenance of Ancillary Highway Structures (FHWA-NHI 2023)
- Fundamentals of Bridge Maintenance (FHWA-NHI 2023)
- General Superstructure Design Considerations. (FHWA-NHI 2023)
- LRFD Steel I-Girder Details Design. (FHWA-NHI 2023)
- Introduction to FRP Materials and Applications for Concrete Structures. (FHWA-NHI 2023)

Extra-Curricular

- Member of ASCE, CMAA