

BIKALP GHIMIRE

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Kathmandu, Nepal

EDUCATION

- Kathmandu Engineering College, Tribhuvan University**

Bachelor's Degree in Civil Engineering

Kathmandu, Nepal

- Grade: 82.53%

TEACHING AND MENTORING

- Assistant Mentor**

Jan 2022 - Apr 2024

Under supervision of Pujan Raj Regmi, Kathmandu Engineering College

Kathmandu, Nepal

- Guided 15+ students in final year structural design projects.
- Taught seismic analysis and RC building design.
- Provided training in ETABS, SAP2000, and AutoCAD.

SKILLS

- **Structural Analysis:** ETABS, SAP2000, SAFE, IDEA Statica
- **Programming:** Python, C, HTML/CSS
- **BIM & Design Tools:** Revit, AutoCAD, Civil 3D, Infravorks
- **Other Skills:** Vehicle Tracking, Primavera P6

EXPERIENCE

- Euro Consult - Pumori J.V.**

Jul 2024 - Present

Program Engineer (National Key Expert)

Kathmandu, Nepal

- Reviewed structural analysis and drawings of RCC manholes and high masts.
- Designed rapid exit taxiways at Tribhuvan International Airport.
- Prepared construction program and monitored physical and financial progress.

- Pumori Engineering Services (P) Ltd.**

Kathmandu, Nepal

- **Structural Engineer**

May 2021 - Jun 2024

- Designed 15+ earthquake-resistant multi-story structures using ETABS and SAFE.
- Prepared shop drawings and coordinated with architecture and MEP teams to eliminate clashes.
- Delivered formal presentations to municipal authorities for structural design approval.

- **Structural Engineering Intern**

Feb 2020 - Mar 2021

- Prepared structural drawings and reinforcement details using AutoCAD and Revit.
- Supported preparation of design calculation reports and construction documentation.
- Monitored construction progress and ensured design compliance.

HONORS AND AWARDS

- Departmental Merit-Based Scholarship**

2016 - 2020

Kathmandu Engineering College

- Full tuition waiver awarded in 6 out of 8 semesters for ranking in top 5% of the class.

- Winner - Civil Quiz Competition in YATRA 3.0**

July 2019

National College of Engineering

- Recognized as the winner of the intercollege Civil Quiz Competition.

- Government Employees' Children Merit Scholarship**

Apr 2017

Government of Nepal

- Received NPR 200,000 National Scholarship for academic excellence.

PROFESSIONAL LICENSE

• Registered Engineer, Nepal Engineering Council, License No.: 30472 | Civil 'A' Category

FREELANCE EXPERIENCE

- **Heifer International Nepal** 2020, 2024 (Seasonal/Project-based)
Civil Engineer Remote / Nepal
 - Designed chicken, goat, buffalo, and cattle sheds with shop drawings and 3D animations.
 - Coordinated with agricultural engineers and veterinarians on standards and specifications.
- **Freelance Structural Design Projects** 2022 – Present
Independent Structural Designer Remote / Nepal
 - Delivered structural designs for RCC and steel buildings.
 - Produced detailed drawings, BOQs, and structural reports using Revit, AutoCAD, and ETABS.

CERTIFICATIONS AND COURSES

- **CS50's Introduction to Computer Science** 2025
HarvardX - Harvard University
- **100 Days of Code: The Complete Python Pro Bootcamp** 2024
Dr. Angela Yu - Udemmy
- **Professional in Project Planning and Management using Primavera** 2024
Synergy School of Business Studies, Thiruvannmiyur, Chennai