

# BIKALP GHIMIRE

+977-986-047-7581 | [bikalpghimire@gmail.com](mailto:bikalpghimire@gmail.com) | [bikalpghimire.com.np](http://bikalpghimire.com.np)

Kathmandu, Nepal

## EDUCATION

- Kathmandu Engineering College, Tribhuvan University** 2021  
*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
  - Developed design surfaces, plans, and sections in Civil 3D.
  - 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.

## PUBLICATIONS

- Ghimire, B. (2025). **Seismic Vulnerability of Staircase Design and Construction in Reinforced Concrete Buildings in Nepal**. Manuscript under review for publication in *Journal of Performance of Constructed Facilities*.

## 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.
- Government Employees' Children Merit Scholarship** Apr 2017  
*Government of Nepal*
  - Awarded NPR 200,000 for academic excellence under the national scholarship program for children of government employees.

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*