

# Samiksha Sapkota

Civil Engineer

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## PROFESSIONAL SUMMARY

Motivated and detail-oriented Civil Engineer with a B.E. in Civil Engineering from Sagarmatha Engineering College (IOE/Tribhuvan University). Experienced in architectural drafting, structural design, seismic analysis, and engineering surveying. Proficient in AutoCAD, ETABS, and SAFE with a proven track record of delivering high-quality technical drawings and documentation. Passionate about contributing to impactful infrastructure projects and committed to continuous professional growth.

## WORK EXPERIENCE

### Architectural Drafter

December 2025 – Present

[YARD Architecture Design](#) | Chamati Bishnumati, Kathmandu

- Prepare detailed architectural and structural drawings using AutoCAD for residential and commercial projects, and municipal projects.
- Coordinate with senior architects and engineers to ensure drawings meet design specifications and local building codes.
- Maintain drawing registers and ensure all documentation is accurate, up-to-date, and version-controlled.
- Assist in the preparation of project reports and technical submissions for client review and regulatory approval.

### Engineering Intern

May 2025 – July 2025

[YARD Architecture Design](#) | Chamati Bishnumati, Kathmandu

- Supported the drafting team in producing 2D architectural floor plans, sections, and elevation drawings.
- Performed topographic and engineering surveys under the guidance of senior engineers.
- Conducted desk studies for project feasibility and site analysis, compiling data into structured technical reports.

## EDUCATION

### Bachelor of Engineering (B.E.) — Civil Engineering

April 2021 – November 2025

[Sagarmatha Engineering College](#) | Lalitpur

Affiliated to Institute of Engineering (IOE), Tribhuvan University

### Higher Secondary Education (+2) — Science

July 2018 – November 2020

[Fluorescent Higher Secondary School](#) | Kathmandu

### Secondary Education Examination (SEE)

April 2018

[Fluorescent Higher Secondary School](#) | Kathmandu

## KEY PROJECTS

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### Seismic Resistance Analysis and Design of a Multistorey Educational Building

Final Year Project | 2025

Supervised by Prof. Er. Arun Paudel, Department Head of Civil Engineering, Pulchowk Engineering College

- Performed seismic analysis of a multi-storey reinforced concrete educational building using ETABS in compliance with NBC and IS codes.
- Designed structural members including beams, columns, slabs, and foundations to withstand seismic forces in Nepal's high-risk seismic zone.
- Prepared comprehensive structural drawings and project report documenting methodology, analysis results, and design outputs.

## SKILLS

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<b>Design Software</b>	AutoCAD, ETABS, SAFE
<b>Productivity Tools</b>	Microsoft Office Suite (Word, Excel, PowerPoint)
<b>Civil Engineering</b>	Structural design, seismic analysis, engineering surveying, topographic surveys, desk studies
<b>Documentation</b>	Technical report writing, drawing registers, project documentation, data interpretation
<b>Soft Skills</b>	Leadership, teamwork, communication, problem-solving, adaptability, composure under pressure

## TRAININGS & CERTIFICATIONS

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- **AutoCAD Training** — Sagarmatha Engineering College 2023
- **Microsoft Office Package** — Sagarmatha Engineering College 2023
- **ETABS Structural Analysis Training** — Sagarmatha Engineering College 2024

## LANGUAGES

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**Nepali** (Native)   **English** (Professional Proficiency)   **Hindi** (Conversational)

## REFERENCES

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### Er. Satish Prasad Phaiju

Department head of Civil Engineering  
Sagarmatha Engineering College

Academic Mentor

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### Er. Prashant Bagale

Lecturer  
Sagarmatha Engineering College

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### Er. Dinesh Padmanath Subedi

Architect Engineer  
YARD Architecture Design

Senior Colleague

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