



PRATIK SHIWAKOTI

DOB: 07/02/1993

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I am a positive, decent, hardworking **Bachelor of Technology (Civil Engineering)** graduate with **experience of 4 years** in the field, having excellent communication, analytical and leadership skills who is fond of learning and implementing new things very quickly and believes in team and collaborative works.

Education

Bachelor of Technology (Civil Engineering)

May 2019

Himachal Pradesh Technical University, Hamirpur, India

Diploma in Electrical Engineering,

Jul 2013

Tribhuvan University, Nepal

Work Experience

Civil Engineer/Owner

September 2021 – Till Date

Drona Engineering Consultancy Firm

Design of RCC Framed Structure of G+1 Storey Hospital Building of Bhot Khola, Sankhuwasabha, Nepal by using **CSI ETABS** for Superstructure, **CSI SAFE** for Substructure, **MS Excel** for Cost Estimate of the structure, **MS Word** for the Design Based Report (DBR) as well as **AutoCAD 2018** for Structural Framing Plan, Centreline Plan.

Structural Design of RCC Framed Structure of G+2 Storey Hospital Building of Dewanganj Hospital at Dewanganj Municipality, Nepal

Architectural Aspects (Plan, Elevation and Section) as well as Cost Estimate and Preparation of Final Bills of Mechi Multiple Campus, Bhadrapur-8, Jhapa, Nepal

Construction of second floor of humanities building and Guard Room building

Preparation of Cost estimate and Final Bills of Installation of Concrete Paver Block for Humanities Building of Mechi Multiple Campus, Bhadrapur-8, Jhapa, Nepal

Civil Engineer

28th Aug 2022 - 14th Mar 2024

Worked under Architect Mr. Anuj Prasad Sapkota, Sikkim, India

Blueprints: Preparation of detailed Plans, sections and elevations by using AutoCAD Software.

Basement+GR+3, G+4+Terrace, G+5

Estimation: Preparation of detail estimation of the blueprints by using MS Excel as per the format provided by the Architect.

Instructor of Diploma in Civil / Hydropower Engineering

15th April 2021 – 15th April 2024

Mohanmaya Secondary School

- Provides tutoring and academic curriculum plans to foster student learning.
- Stimulate Class Discussions and ensure student engagement.

Civil Engineer

1st Nov 2020 – 30th Sep 2021

Teesta Engineering Consultancy Pvt. Ltd

- Preparation of detailed Plans, sections and elevations by using AutoCAD 2018.
- Preparation of estimate of the building plans.
- RCC Portal Frame Structural Design of residential building
- Fixed Asset Valuation (Only Land and RCC frame Building) as per the format provided by the consultancy.

Junior Structural Engineer (On job training)

12th Feb 2020 – 12th Sep 2020

E-Construct Design & Build Pvt. Ltd

- Proficiency in Structural Design Engineering Principles.
- Static linear, Nonlinear & Dynamic linear, Nonlinear analysis:

Equivalent Static Analysis, Modal Analysis, Response Spectrum Analysis, Creep & Shrinkage Analysis, Vibrational Analysis, P-delta, Auto-Construction Sequence Analysis, Buckling Analysis, Wind Dynamic (Gust Calculation), Soft Storied buildings and Torsional Irregularity Checks, Soil Structure Interaction.

For super structure Modelling, Analysis & Design by Using **CSI ETABS**.

Substructure Modelling, Analysis, Design to check by Using **CSI SAFE**

Ground Bearing Pressure (GBP), Settlement, One-way Two-way Shear Check, Foundation System, Ground Improvement Techniques, Crack Width.

Detailing of Superstructure and Substructure by using **CSI Detailer & AutoCAD**.

Detailing of Column, Beam, Slab and Footing Schedule, Wind Gust Factor calculation, Load Calculation by using in **MS Excel**. (Manually).

Value Engineering of the Super as well as Substructure.

Participated in “Technical Project Competition” of “Project- bungee jump steel structure, Goa” held on 4th March 2020 to 17th March 2020.

Also Lead a team online to complete Super and Substructure design of project “G+9 Residential Building, Mysore” in 48 hours, G+5 Delhi Residential Building, G+2 Tumkur Government Quarter Residential Building, G+2 Neelamangla Commercial Project, G+4 HSR Commercial Building, 3 Basement+G+4 Reliance Mall Commercial Building

Software Skills

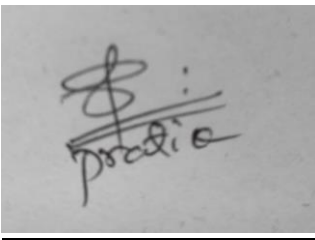
- AutoCAD
- Autodesk Revit (Architecture / Structure)
- CSI ETABS
- CSI SAFE
- MS Office
- PROKON
- SAP 2000
- CSI Detailers

Language

- English
- Hindi
- Nepali

Declaration

I do hereby declare that the above-mentioned information is true to the best of my knowledge and belief.

A handwritten signature in black ink, appearing to read 'Pratik Shiwakoti', is written over a horizontal line.

PRATIK SHIWAKOTI