

PERSONAL INFORMATION

**Bipin Singh Karki**



📍 Belchautara Marga, Chauthe-14, Pokhara Metropolitan City, 44600 Kaski (Nepal)

☎ (+977) 9841 403660

✉ [beepin.karki72@gmail.com](mailto:beepin.karki72@gmail.com)

**Sex** Male | **Date of birth** 29 June 1992 | **Nationality** Nepalese

PERSONAL STATEMENT

I am a Geotechnical Engineer graduate from Asian Institute of Technology (AIT), seeking for career development in Geotechnical and Earth Resource Engineering to enhance conceptual horizon in Soil Engineering.

My eventual career goal is to seek a dynamic and challenging opportunity where I can utilize my theoretical knowledge, management, and organizational skills in a practical field to achieve an organizational objective.

WORK EXPERIENCE

Nov 2016–June 2019

**Civil engineer (Supervisor)**

**Udaya Engineering Consultancy Firm, Pokhara (Nepal)**

- Survey, Detail Design & Estimate, supervision of various buildings, water-supply & highway projects.

Oct 2018–March 2019

**Civil Engineer (Supervisor)**

**Department of Urban Development and Building Construction, Division Office, Gorkha (Nepal)**

- Volunteer supervisor civil engineer for hospital building construction in Gorkha district Nepal.

EDUCATION

AUG 2019– JULY 2021

**Master's in Geotechnical and Earth Resources Engineering**

**Asian Institute of Technology, Thailand**

**Passed with 3.21 GPA**

**Major Subjects** – Ground Improvement, Soil Mechanics, Rock Mechanics Tunnel Engineering, Foundation Engineering, Numerical Methods for Modelling, Engineering Geology, Soil Dynamics.

- **Electives** - Unsaturated Soil Mechanics
- **Master's Thesis:** "Prediction of undrained Shear Strength of Soil-Cement Columns Constructed by Dry Mixing Method in Bangkok Soft Clay"

Aug 2012–May 2016

**Bachelor's in Civil Engineering**

**(Kurukshetra University), Kurukshetra, Haryana, (India)**

**Passed with First Division**

**Major Subjects** –

Fluid Mechanics, Building Construction, Material & Drawing, Surveying, Engineering Geology, Structural Mechanics, Structural Analysis, Engineering mathematics, Basics of Economics & Management, Design of Steel Structure, Soil Mechanics, Geotechnology, Design of concrete Structure, Project Planning & Management, Fundamental of Management, Hydrology, Irrigation Engineering, Water Resources & System Engineering, Transportation Engineering, Water Supply and Treatment, Sewerage & Sewage Treatment, Hydro Electric Power Development, Concrete Technology, Bridge Engineering, Railway & Airport Engineering, Industrial Waste Water Treatment, Estimation and Accounts, EIA.

- **Academic Project:**

Final year project on "**Constructional design of two storey residential building**"

Aug 2009–Aug 2011

**Intermediate Level**

**National School of Sciences HSS**, Lainchaur, Kathmandu (Nepal)

**Passed with Second Division**

June 2009

**School Leaving Certificate**

**Bhanubhakta Memorial Higher Secondary School**, Panipokhari, Kathmandu (Nepal)

**Passed with First Division**

TRAINING(S)

- 
- Training on **construction of sports complex for Nepal Police in Kathmandu** taken under ERA Engineering Consultancy PVT. LTD and Government of Nepal.
  - Training on **retro fitting of RCC building** organised by Department of Urban Development and building construction, Ministry of Urban Development, Government of Nepal.
  - Training on **9<sup>th</sup> Joint Student Seminar on civil infrastructures**, organised by The University of Tokyo, Japan and Asian Institute of Technology, Thailand.
  - Basic training for **Residence reconstruction after disaster** conducted by National Reconstruction Authority, Government of Nepal.
  - Attended one month training **AutoCAD** and **SAP 2000** conducted by ARTEC PVT. LTD.

PERSONAL SKILLS

Mother tongue(s) Foreign language(s)	Nepali				
	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	B2	B2
	IELTS				
Hindi	C1	B2	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Communication skills

- Teamwork: I have worked in various types of teams, such as team for academic projects, design, and study team during my work and in event organizing team during college days.
- Travelling helped me to learn to communicate with people from various background and multiple culture.
- While working in construction projects I have learned to address in public and response their queries without hurting others belief in society.

Organisational / managerial skills

- Leadership: worked as head engineer for reconstruction of monastery in Pokhara-5.
- Acquired team-leading skill while carrying out various resident/commercial building constructions.
- Organizer of "7-A Side Football Tournament", "Cultural show", "Sports event", in Kurukshetra University for 3 years - worked as a **Sports/Entertainment Manager** for two year and as a committee member for a year.

Job-related skills

With in-depth knowledge in bachelor's degree in Civil Engineering and work experience, following technical skills have been acquired:

- Building Construction with foundation design
- Project Management
- Design and planning of structures
- Supervision and quality control in construction projects
- Managing and executing medium scale project in individual leadership
- Surveying and data processing
- Estimation, Costing, and valuation

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Independent user	Independent user	Basic user	Basic user

Digital skills - Self-assessment grid

- Software: Auto Cad, Plaxis 2D, Virtual Modflow. Sketch up, SAP2000 PLAXIS, RocScience, SEEP W, SLOPE W.
- Good programming and automations skills in Python, Matlab etc.
- Good command over Microsoft Office: Word, Excel, PowerPoint, MS Project
- General Computer and Internet applications

**Other skills and Hobbies** Love travelling, photography and experience different culture. Music is my Enjoy all sports particularly football, cricket, and tennis.

ADDITIONAL INFORMATION

---

**Membership(s)** **Registered engineer** : **Nepal Engineering Council (NEC)**  
**Registration No** : **19715 “Civil A”**

**References** **Associate Prof. Dr. Kuo-Chieh Chao (Program Chair)**  
Geotechnical and Earth Resource Engineering (GTE) AIT, Thailand  
Email: [geoffchao@ait.asia](mailto:geoffchao@ait.asia)

**Dr. Suman Manandar (Assistant Professor)**  
Department of Geology,  
Tribhuvan University, Kathmandu  
Email: [geosuman27@gmail.com](mailto:geosuman27@gmail.com)