

# SHANKAR BHUJEL

Civil Engineer | Site Engineer | Survey Engineer | Research & Teaching Assistant

+977 9844524006 • shankarbhuje105@gmail.com • linkedin.com/in/shankar-bhuje1-a6103a385 • Open to Relocation Worldwide



## PROFILE SUMMARY

Motivated and detail-oriented Civil Engineering graduate (BE, CGPA 3.23/4.00, Pokhara University) with hands-on field experience in site supervision, structural drafting, surveying, and cost estimation. Certified in AutoCAD Civil 3D and GIS. Passionate about infrastructure development, applied engineering research, and knowledge-sharing. Seeking roles in site engineering, academic/research assistance, quantity surveying, or related engineering fields — open to opportunities globally.

## WORK EXPERIENCE

### Sub-Engineer | R.S.S. Engineering Consultancy Pvt. Ltd.

— Nepal

July 2019 – November 2020

- Prepared building designs, surveys, and cost estimates for infrastructure projects
- Supervised construction of rural roads, small irrigation systems, and residential buildings
- Worked as drafter and surveyor across multiple concurrent field projects
- Implemented and monitored construction safety measures on-site

### Sub-Engineer (Contract) | Kamalamai Municipality —

Nepal

February 2019 – July 2019

- Conducted surveys, design, and cost estimates for municipal infrastructure projects
- Supervised 3 local road projects from initial surveying through to completion
- Designed community structures: public meeting hall and public toilet facility
- Monitored quality control and timely execution of construction works

### Junior Supervisor | Kamalamai Municipality – Planning Branch — Nepal

February 2018 – June 2019

- Conducted field inspections under Road & Infrastructure Development Sub-Branch
- Monitored municipal construction progress and reported compliance to senior engineers

### Assistant Sub-Engineer – Surveying (Temporary) |

A.E.A. Engineering Consultancy Pvt. Ltd. — Nepal

April 2015

- Assisted topographic survey for Nakkale Phant Irrigation Project (~3.35 km alignment)

## TECHNICAL SKILLS

**Design & CAD:** AutoCAD Civil 3D (Autodesk Certified), ZWCAD 2026, SketchUp, Technical Drafting

**GIS & Surveying:** GIS / Geographic Information Systems, Topographic, Road & Irrigation Surveys

**Engineering:** Structural Analysis, RCC Design, Foundation Engineering, Hydropower & Irrigation, Highway Engineering, Water Supply & Sanitary Engineering, Cost Estimation & Quantity Surveying, Construction Project Management, Construction Safety & QC

**Programming & IT:** Python (Certified), C & C++, MS Office (Word, Excel, PowerPoint), Data Science (Certified)

**Languages:** Nepali (Native), English (Professional), Hindi (Conversational)

## EDUCATION

### Bachelor of Engineering — Civil Engineering

Madan Bhandari College of Engineering (MBCOE)

Affiliated to Pokhara University, Nepal

2021 – August 2025 | CGPA: 3.23 / 4.00 | 135 Credits

- Final Semester SGPA: 3.78 (Highest) — Construction Project Management, GIS
- Research: Fermented Banana Stem Extract as Sustainable Concrete Admixture — achieved 30 MPa compressive strength at 15% replacement (37% improvement in water absorption resistance)
- Core Courses: Structural Analysis, RCC Design, Hydropower, Irrigation, Foundation Engineering, Transportation Engineering, Sanitary Engineering

### Diploma in Civil Engineering — Distinction (81.21%)

CTEVT Nepal | Manmohan Memorial Polytechnic

2016 – 2019

- Key Subjects: Structural Design, Highway Engineering, Surveying, Estimating & Costing, Construction Management

### SLC — Technical Stream: Civil Engineering

GPA: 3.76/4.00 (A+) | Gaumati Ma Vi, Sindhuli | 2015

## CERTIFICATIONS

- AutoCAD Civil 3D Essentials — Autodesk (2024)
- Technical Drawing for Design — Autodesk (2023)
- SketchUp Fundamentals — SketchUp (2021)
- Construction Safety & Health — Alison, Score: 88% (2021)
- Earthquake Resistant Building – Training of Trainers — NRA & Nepal Red Cross (2018)
- Introduction to Procurement — UNICEF (October 2021)
- Emergency Preparedness & Response — UNICEF (October 2021)
- Python Programming — Great Learning (May 2021)
- Introduction to Data Science — Great Learning (May 2021)

## AREAS OF INTEREST

Site Engineering & Construction Supervision • Quantity Surveying • Structural Drafting & Design • Topographic & Road Surveying • Civil Engineering Research • Teaching Assistance (Undergraduate Level) • Project Management • GIS & Infrastructure Planning

## PERSONAL DETAILS

**Date of Birth:** 27 April 1999 **Nationality:** Nepali

**Availability:** Immediate **Driving License:** Willing to obtain

## REFERENCES

### Er. Sushil Prasad Sharma

Senior Civil Engineer, R.S.S. Engineering Consultancy  
rssconsultancy1td@gmail.com

### Er. Gokarna Awasthi

Asst. Professor, Dept. of Civil Engineering, MBCOE  
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