

NISCHIT JANJALI SHRESTHA

B.E. Civil Engineering | CEO & Founder, Mistri Vai Engineering

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PROFILE

Civil Engineering student with hands-on experience in estimation, surveying, design software, and construction and hydropower project coordination. Founder of Mistri Vai Engineering, a student-led initiative connecting academic engineering knowledge with practical field experience. Skilled at organizing technical training programs and coordinating with engineering professionals and institutions.

EDUCATION

Bachelor of Engineering (B.E.) – Civil Engineering

2022 – Present

Khwopa Engineering College, Purbanchal University

Relevant coursework: Structural Engineering, Soil Mechanics, Hydrology, Surveying, Water Supply Engineering, Sanitary Engineering, Rock Engineering, Foundation Engineering

High School (+2 Science)

2020 – 2022

Sky Rider College | Major: Computer Science

WORKING EXPERIENCE

Quantity Surveyor / Estimator

Aug 2025 – Jan 2026 (2082 Bhadra – Push)

Narganga Engineering Solution Pvt. Ltd.

- Assisted in quantity measurement, estimation, site supervision, and documentation.

Site Supervisor

Feb 2026 – Jul 2026 (2082 Fagun – Till Now)

Generation of Engineering Construction and Suppliers Pvt. Ltd.

- Assisted in construction activities, site supervision, measurement, estimation, and documentation.

LEADERSHIP EXPERIENCE

CEO & Founder

2024 – Present

Mistri Vai Engineering — Dhulikhel, Kavre

- Founded and lead a student engineering initiative focused on practical learning and professional development, coordinating site visits, workshops, and experience-sharing programs for civil engineering students.
- Organized technical training sessions on AutoCAD, SketchUp, and ETABS for club members and partner institutions.
- Built partnerships with engineering organizations, colleges, and practicing professionals to expand the club's site-visit and mentorship network.
- Directed a team applying estimation, surveying, CAD, and 3D modelling skills to real project documentation.

Executive Member

2025 – Present

Khwopa Knowledge Sharing Circle (KSC), Khwopa Engineering College

- Coordinated technical programs and student engagement activities, collaborating with team members on events, workshops, and mentorship initiatives.
- Contributed to planning and presentation preparation for organizational activities under deadline pressure.

Executive Member

2026 – Present

Khwopa Futsal Circle (KFC), Khwopa Engineering College

- Coordinated sports events and team management activities, organizing futsal matches, tournaments, and student engagement programs.
- Supported scheduling, planning, and cross-team communication for recurring events.

PROJECT EXPERIENCE

Project Kera Ghari – Residential Project

Kalika Municipality -6, Chitwan

- Prepared quantity estimates for foundation, RCC, masonry, flooring, staircase, plastering, and roofing works on a residential building.
- Assisted with technical documentation and coordination during construction activities.

Nawadurga Devghad Bhawan

Bhaktapur Municipality-8, Bhaktapur

- Supported project coordination and engineering documentation for a community building project.

Shree Kupkanya Secondary School

Balephi-6, Sindhupalchowk

- Participated in building project coordination, supporting site activities and technical documentation.

Hydropower Pre-Feasibility Study – Final Year Project

- Studied technical aspects of the Kasuwa Khola Hydropower Project (45 MW), including site layout and project scope.

TECHNICAL SKILLS

Engineering Software: AutoCAD, Revit, ETABS, SketchUp, ArcGIS

Civil Engineering: Quantity Estimation, Cost Estimation, Surveying, Project Documentation

ACHIEVEMENTS & ACTIVITIES

- **AutoCAD Professional Training – Organize by Khwopa Engineering College**
Completed a 30-hour professional AutoCAD training program and gained practical skills in AutoCAD drafting and engineering drawings.
- **Hult Prize 2025 – Participant & Mentor:** Competed in the global student entrepreneurship and social-impact competition, then returned as a mentor guiding participants on idea development, teamwork, and entrepreneurship.
- **Food Fest 2022** – Participated in a college-level student extracurricular event.
- **Hult Prize 2025/26 – Mentor** Guided student participants in **idea development, teamwork, entrepreneurship, and presentation.**
- **Aarohan 2.0** – Exhibitor: Presented technical/project work at a student architecture and engineering exhibition.

CORE STRENGTHS

Leadership & Team Management • Project Coordination • Technical Communication • Entrepreneurship • Public Speaking & Presentation • Event Management

LANGUAGES

- Nepali (Native)
- English (Professional)
- Hindi (Conversational)