

SANTOSH KUMAR SAH

CIVIL ENGINEER

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SUMMARY

To begin my professional career in a challenging and growth-oriented organization where I can apply my academic knowledge and technical training in civil engineering to real-world projects. I am eager to learn, adapt, and contribute effectively to project planning, design, and site management while continuously developing my skills and professional competence.

WORK EXPERIENCE

- Toyota Kirloskar Motor Pvt. Ltd** 16th Jun - 16 Aug, 2025
Civil Engineer Intern
- Contributed to automobile lab design and basic estimation work
 - Assisted in infrastructure planning for school upgradation projects
 - Gained exposure to cost considerations and project planning
- Kailash Construction Pvt. Ltd** 5th Jun - 3rd Aug 2024
Site Engineer Intern
- Managed clubhouse operations and maintenance.
 - Coordinated scheduling, bookings, and resources.
 - Implemented safety protocols and supervised events.
- Unique Engineering Consultancy Pvt. Ltd** 29 May - 1st Dec 2022
Overseer
- Assisted in quantity estimation and tracking of materials
 - Coordinated with contractors and labor teams to maintain workflow
 - Prepared daily progress reports and site documentation
- Sunrise D & E Construction Pvt. Ltd** 2nd Aug - 3rd Nov 2021
Sub-overseer
- Monitored site execution, quality standards, and safety practices
 - Supported daily reporting and resource utilization tracking
 - Assisted in basic quantity calculations and estimation tasks
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PROJECT

- Major Project** 2025-2026
- "Adsorptive Removal of Surfactants from Laundry Wastewater using ML Data Analysis"***
- Developed High-Performance GO-CSAC bio-composite Adsorbent
 - Achieved Significant Surfactant (LAS) Removal Efficiency
 - Integrated Machine Learning for Predictive Modeling
 - Sustainable & Cost-Effective Wastewater Treatment Approach

“Sensor-Based Landslide Detection System”

- Designed IoT-based system for real-time landslide monitoring
- Used sensors for vibration, soil moisture, and ground movement analysis
- Demonstrated impact of early warning systems on infrastructure safety

EDUCATION**Bachelor of Technology in Civil Engineering**

2022-2026

Jain University, Bangaluru, India

Pursuing with **100%** scholarship awarded by **EDCIL** (Indian Embassy).**CGPA** : 9.3/10**Diploma in Civil Engineering**

2019-2022

Shree Padma College, Bhaktapur, Nepal

CGPA: 3.6 / 4.0

PUBLICATION

Paper Title: Advanced Sensor-Based Systems for Real-Time Landslide Detection, Monitoring, and Early Warning in Vulnerable Regions of India
IJSRD | Vol. 13, Issue 4, 2025 | ISSN (online): 2321-0613

Paper Title: Application of Carbon Nanotubes in Construction: A Review
May 2025 | IJIRT | Volume 11 Issue 12 | ISSN: 2349-6002

Patent: Mobile Application for On-Demand Land Information (ODLI)

CORE COMPETENCIES

- Quantity Takeoff & Cost Estimation (Basic)
- BOQ Preparation (Basic Understanding)
- Project Coordination & Scheduling
- Site Supervision & Quality Control
- Resource Planning & Vendor Coordination
- Construction Documentation & Reporting
- Safety Compliance & Monitoring

TECHNICAL SKILLS

- AutoCAD
- Revit Architecture
- Primavera P6
- STAAD Pro
- SketchUp
- MS Excel (Estimation & Reporting)
- Basics of BBS (Bar Bending Schedule)

LANGUAGES

- English
- Hindi (Fluent)
- Nepali (Fluent)
- Japanese (Basic)