

PROFESSIONAL SUMMARY

Dedicated civil engineering professional with expertise in site supervision, material estimation, and project management for residential and commercial construction. Skilled in conducting geotechnical investigations, utilizing GIS tools for spatial analysis, and delivering precise cost and quantity estimates. Adept at ensuring project compliance with engineering standards and regulatory requirements while managing budgets and timelines effectively. Proficient in design, quality control, and utilizing construction management software. Dedicated to delivering high-quality projects on time and within budget.

TECHNICAL SKILLS

Civil Engineering Software: AutoCAD, ETABS, Bluebeam, , ArcGIS, SketchUp, Civil 3D, ETABS, SAP2000, Revit, Lumion

Technical Expertise: Experience in structural analysis, hydraulic design, material testing (soils and concrete), and land surveying.

Construction Management: Expertise in cost estimation, quality control, site supervision, scheduling, risk mitigation, and project management.

Tools: Advanced proficiency in Microsoft Office Suite, project management software (MS Project)

PROFESSIONAL EXPERIENCE

City of Mississauga October 2024-December 2024

Long Term Planning Placement, Parks and Culture Planning

- Conducted geospatial and environmental analysis of park facilities to optimize resource allocation and improve public usage.
- Monitored facility usage through trail counters, booking systems, and site visits across different time frames.
- Prepared reports and presentations for stakeholders, enhancing decision-making processes.
- Collected and analyzed data to identify patterns in park usage and determine factors influencing facility utilization.
- Presented findings and insights to the Parks and Culture Planning team, contributing to strategic planning for future park developments.
- Attended bi-weekly in-person meetings to discuss progress and strategies with the planning team.

Pneumatic Development Pvt. Ltd April 2021-March 2023

Site Supervisor

- Supervised and managed civil engineering projects, including residential and commercial construction, ensuring structural integrity and adherence to design specifications.
- Coordinated on-site activities such as excavation, foundation work, framing, and finishing, ensuring compliance with engineering drawings and construction codes.
- Analyzed structural drawings, geotechnical reports, and construction plans to ensure feasibility and address potential issues proactively.
- Oversaw quality control measures, conducting regular inspections to verify workmanship and material compliance with project standards.
- Managed project documentation, including construction schedules, daily logs, and material procurement records, to ensure seamless project execution.
- Led land surveying teams, conducted site assessments, and provided detailed site plans for infrastructure projects, ensuring alignment with regulatory standards and client requirements.
- Prepared detailed project proposals, cost estimates, and comprehensive contract documentation to support project planning and execution.
- Worked with a multidisciplinary team of engineers and technicians, ensuring quality deliverables and adherence to timelines.
- Conducted rigorous material testing for soils and concrete to verify compliance with industry specifications and project requirements.
- Prepared detailed layouts, plans, and 3D models for residential and commercial projects, including precise cost estimations.
- Managed the installation and inspection of structural components, ensuring adherence to design specifications, safety standards, and industry regulations.
- Monitored project progress, including budget tracking, risk management, and implementing corrective actions to mitigate delays.
- Facilitated clear communication with stakeholders, contractors, and clients to define project requirements, resolve issues, and address performance concerns effectively.

Pneumatic Development Pvt. Ltd November 2020-March 2021

Survey Intern

- Assisted in site layout planning by conducting precise measurements and ensuring accuracy in survey data for infrastructure development.
- Compiled and analyzed cost data for materials, labor, and equipment to create comprehensive estimation reports for diverse projects.
- Participated in boundary and topographical surveys, ensuring data accuracy and adherence to regulatory requirements.
- Conducted preliminary assessments of soil and sub-surface conditions to support geotechnical investigations.
- Utilized software tools to process survey data and create detailed visualizations for project planning and decision-making.
- Provided assistance in reviewing project blueprints and specifications to ensure compatibility with survey findings.
- Collaborated with senior engineers to identify project risks related to site conditions and proposed solutions to mitigate them.
- Prepared shop drawings, daily progress reports, and maintained meticulous documentation to ensure seamless project tracking.

EDUCATION

Urban Design Post Graduate	December 2024
Sheridan College, Mississauga, ON	
Construction Project Management Post Graduate	December 2023
Fanshawe College, London, ON	
Diploma in Interior Design	April 2023
IEC School of Art and Design, Kathmandu, Nepal	
Bachelors in Civil Engineering	September 2022
Kathmandu Engineering College, Kathmandu, Nepal	

CERTIFICATIONS

- Engineer-in-Training (EIT) – In Progress
- LEED Green Associate – In Progress
- WHMIS (Workplace Hazardous Materials Information System) – Completed