

Senior Structural Engineer

Engineering Link
Toronto, ON

Engineering Link is growing its team.

We are looking for a **Senior Structural Engineer** to join our team. This role is exciting, diverse, and rewarding.

In this role, you will be responsible for overseeing small to large scale projects and be involved in structural design, analysis, and project management for commercial, institutional, industrial, and residential projects.

The role is well-suited for someone who has experience and expertise in design and management of structural engineering projects.

Specifically, we are looking for experience in the areas of:

- Concrete design.
- Tower design for 20-storey towers.
- Technically capable of tower analysis.

As part of the Structural department at Engineering Link, you will have the opportunity to experience engineering on many levels. You will work closely with colleagues and senior management on projects throughout all phases.

This is a perfect opportunity for an individual looking to build their career with a growing building envelope and structural engineering firm in downtown Toronto.

The ideal candidate is energetic, self-motivated, and enjoys working in a fast-paced environment. We are looking for someone who has a strong technical background, is highly organized, and pays attention to detail in every aspect of their work.

Engineering Link offers an open, collaborative work environment and is involved in a variety of commercial, institutional, recreational, and residential projects across Canada. Engineering Link is focused on offering building envelope and structural engineering services as they relate to the science of the built environment.

Desired skills, responsibilities, and qualifications you will need to have:

Skills

- Adaptable: can pivot to meet project and client needs and is able to focus on multiple projects at one time.
- Entrepreneurial: ambitious, client-focused, and quality driven.
- Proactive: takes initiative, analytical, innovative, and is a natural problem solver.
- Team-player: builds positive relationships with colleagues, clients, and acts as an ambassador for Engineering Link in the field.
- Strong project management and coordination skills. Ability to coordinate effectively with project structural teams.
- Experience preparing proposals, delivering presentations, and reviewing technical and financial information with clients and stakeholders.



- Excellent understanding of theory and concepts. Is seen as a technical expert, mentors others, and gains the trust of clients through excellent project delivery.

Responsibilities

- Lead projects from definition, through planning, design, and ensure quality delivery to clients.
- Responsible to design and detail structural elements, including design and calculations, computer modelling, and analysis.
- Prepare detailed design calculations, layouts, project specifications, schedules, reports, plans, designs, and cost estimates.
- Ensure project schedules are met.
- Investigate field and design problems.
- Conduct site visits and inspections.
- Participate in client meetings, facilitating solutions to design issues, providing status updates, and focuses on relationship building and business development.
- Peer review of structural designs prepared by junior/intermediate staff.
- Coaching and mentoring junior/intermediate engineers and designers.

Qualifications

- Bachelor's degree in Civil/Structural Engineering.
- Professional Engineer registered in Ontario, with eligibility to register in other Canadian provinces/territories.
- Minimum 10 years' relevant experience in Structural Engineering, Design, or Project Management.
- Experience with Microsoft Office and software such as ETABS, SAFE, STAAD, Navisworks, and Bluebeam.
- Technical competency in the design of structural building systems.
- Knowledge and understanding of relevant design standards and codes.
- Regularly updates their own technical knowledge and skills and stays current in engineering and best practices.
- Excellent written and verbal communication skills.

A resume is required when applying.

Engineering Link is committed to promoting diversity and employment equity.

Applicants requiring accommodation at any stage in the recruitment process can contact Human Resources.

We thank you for your interest in our firm. Please note that only those candidates selected for the next step in the recruitment process will be contacted by Human Resources.