

Mechanical Designer

Republic is not your average design firm. Driven by the journey, we utilize an explorative process that connects all the right people around the table. Our desire to produce thoughtful and engaging projects is at the heart of everything we do.

If you've met our team, visited our studio, or checked out our social media posts, you know we are unique. Dedicated to elevating and maintaining the health and wellbeing of our team, the studio is decked out with fitness equipment, the kitchen is stocked with healthy snacks, and work areas range from cozy café style lounge spaces to ergonomically friendly sit/stand desks. While the studio is an inviting and creative space, our work can happen anywhere – we allow for remote work and flexible schedules. These are just a few of the things that make us different. We also have social groups, monthly team events, and so much more.

Responsibilities

As a **Mechanical Designer**, you will contribute to smaller projects and tasks under guidance from a Senior Engineer/Designer, while also collaborating as a team member on larger projects. This is an exciting opportunity for a driven and motivated individual to join our growing multidisciplinary team. This role includes:

- Designing mechanical building systems (HVAC, Plumbing, Fire Protection) for renovation and new build projects.
- Working with a team of design colleagues to conceptualize and develop full documentation for various facility types such as: commercial office, institutional, heritage, post-secondary, and laboratories.
- Utilizing Building Information Modeling (BIM) technologies such as Revit in the development of three-dimensional models of mechanical systems.
- Performing heating and cooling load calculations and energy models.
- Participating in project meetings to establish design criteria, reviewing design progress, and providing support through construction administration.
- Traveling to sites across Canada to assess existing mechanical systems and provide site support during construction.

Tell us why you're our next **Mechanical Designer**. Send your resume to: careers@republicarchitecture.ca

Qualifications

- Graduate of a Mechanical Engineering or Mechanical Engineering Technology program.
- 0-4 years work experience.
- Experience with Revit and/or the construction industry is considered an asset.