

About Intronic Ltd.

At Intronic we're all about combining meaningful work with an epic lifestyle. Based in Revelstoke, BC, we're surrounded by endless mountains, deep snow, and good vibes. Whether it's tackling innovative projects during the day or ripping fresh lines, biking world-class trails, or soaking up the beauty of the backcountry after hours, life here is about balance. Our team thrives on collaboration, creativity, and the kind of work that actually matters—all while living in a place that feeds the soul. If you're into a work-hard, play-harder mindset, Revelstoke is where you want to be.

Mechatronics / Robotics Engineer

We are seeking a talented and innovative Mechatronics Engineer to join our team. In this role, you will design robotics systems, program PLCs, develop HMI interfaces, and commission robotic and manufacturing systems. You'll work on exciting automation projects and collaborate with multidisciplinary teams to deliver cutting-edge solutions that integrate mechanics, electronics, software, and control systems.

Key Responsibilities:

- Design and integrate robotics system and ensure designs comply with industry standards, codes, and safety regulations.
- Specify and select components for electrical cabinets and mechanical systems, including safety devices, cables, motors, sensors, and actuators.
- Create detailed 3D models and 2D drawings for manufacturing, including assemblies and part drawings.
- Design, program and test PLC systems - including HMI, motion and safety interfaces.
- Prepare and execute test procedures for Factory Acceptance Tests (FAT) and Site Acceptance Tests (SAT).
- Commission fully integrated systems in collaboration with cross-disciplinary teams.
- Communicate with distributors to verify availability, manage cost estimates, and create requests for quotes, purchase orders, and bills of materials (BOM).
- Work with cross-functional teams to meet project timelines and objectives.

Qualifications:

- Bachelor's degree in Mechatronics Engineering, or equivalent experience.
- Proficient in PLC programming (structured text, preferably Beckhoff TwinCat).
- Strong knowledge and several years experience in mechanical design using CAD (SOLIDWORKS preferred).
- Experience in programming robotics motion programs (preferably Staubli VAL3)
- Proficiency in designing and working with automation hardware, such as sensors, actuators, linear systems, servo motors and AC motors.
- Strong problem-solving skills with the ability to work independently and collaboratively in a team environment.
- Experience in developing safety risk assessments and controls.
- Excellent project organization and communication skills.
- Experience with network and front-end development (advantageous).

Key Details:

Company name: Intronic Ltd.

Business Address: 95 Cartier St, Unit #302, Revelstoke, BC, V0E 2S0

Location of work: At our office/workshop in Revelstoke and occasional work at clients' sites.

Term of Employment: Full time – permanent position, beginning February 2027 or by negotiation.

Language of work: English

Wage: \$45.00/hr

Contact phone: (250) 814-4866

Contact email: job@intronic.ca

Mailing address: PO Box 257, Revelstoke, BC, V0E 2S0, Canada