



**Functional Area:** Research and Development  
**Location:** Long Sault, Ontario  
**Job Title:** Senior Development Engineer  
**Reporting Line:** R&D Manager  
**Job Ref:** -

# Senior Development Engineer

**Join Pulsar Measurement working in a Global team that are shaping the future of level and flow instrumentation.**

## Your role

The Senior Development Engineer is responsible for end-to-end architecture and development of robust electronics and firmware within the R&D team. You may also be the subject matter expert on the technology that underpins product being developed. You will be an integral part of a high-skilled, fast-pace and multi-disciplinary design and development team. You will be hands-on from the start, taking ownership of projects and making positive impact on the business.

## Our Business

This is an exciting time to join Pulsar Measurement and the wider TASI Group. Pulsar Measurement has built an enviable reputation based on our customer centric ethos, which means Pulsar Measurement continues to attract a growing global customer presence.

Pulsar Measurement has built up a well-respected brand in Water and Industrial sectors with a strong and growing portfolio of Ultrasonic sensing instrumentation for application in level and flow measurement applications. Join us on this exciting journey



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## Your responsibilities

Based out of our facility in Long Sault, Ontario, Canada your responsibilities include but are not limited to:

- Deriving system technical requirement that meet or exceed market requirement specifications and scoping engineering deliverables from specification.
- Communicating cross-functional requirement and work packages at a technical level to the team.
- Designing, developing, and effectively integrating electronic systems and solutions, including hardware design.
- Identifying, developing, and delivering engineering solutions that are on-spec, on-cost and on schedule.
- Carrying out diagnostic, calibration, and test-driven development.
- Facilitating and assisting in firmware and software debugging and development.
- Liaising effectively with both internal and external Pulsar customers to provide technical support as well as collating feedback and technical requirement.

## Travel

- Travel is based on demand when conditions allow. Travel includes but is not limited to regions, factories, offices, customer locations and suppliers.

## Your background

You possess a passion for electronics and microcontroller systems.

- You come with strong experience in electronics, working with schematics and PCB layouts, with appreciation of various design architectures.
- You demonstrable a track record of end-to-end new product development, from concept to launch in a team environment.



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- It is an advantage if you also have a background applying principles of physics and wave interaction, and/or background in instrumentation design in particular ultrasonic flow or level measurement.
- It is an advantage to be proficient in programming languages such as C/C++, C#, Visual Basic and Python.
- You are a self-starter, resourceful and driven to deliver great results.

## Benefits and Compensation

Effective after probation period. Beyond basic life and disability insurance, employees may choose to include full health benefits including medical, dental and prescription drugs which included \$200 vision care every 24 months. Pulsar will pay 60% of the total cost of the benefit package.

## Our Pledge

We recognize that an inclusive and diverse workplace where all employees feel respected, valued, and able to achieve their full potential is vitally important. Not only does it inspire creativity and collaboration, it's good for business. We celebrate our differences and believe our diverse skills, abilities and perspectives strengthen our culture and our overall performance.

Sending resume with cover letter to [abourdon@pulsarmeasurement.com](mailto:abourdon@pulsarmeasurement.com)



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