



Functional Area: R&D/Engineering
Location: Long Sault, Ontario
Job Title: Software Engineer
Reporting Line: Global R&D Director
Job Ref: -

Software Engineer

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

Your role

The Software Engineer works primarily within the R&D team to develop and maintain software and firmware solutions for new product development, as well as to automate process flows such as data collection, meter calibrations and other processes associated with quality management objectives. Being an integral part of a highly-skilled, fast-paced and multi-disciplinary design and development team, you will be hands-on from the start and contributing to value-creation projects.

Our Business

This is an exciting time to join Pulsar Measurement and the wider TASI Measurement organization. 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:

- Develop and implement robust PC and web-based software for new product development projects.
- Support development of firmware solutions on microcontroller-based systems.
- Assist in development and debugging of apps and software that meet specifications within the product development and engineering team.
- Deliver on technical requirements and execute on software projects to automate workflows, eliminate paper processes and improve data integrity through application and database development.
- Investigating and documenting existing systems and maintain functionality of these systems over time.
- Contribute to further automation of metrology and quality systems to comply with ISO 9001, QAN/QAR and ISO 17025.
- Generate and maintain effective documentations throughout firmware and software development cycle.

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 and affinity for process automation and enjoy working within a team environment and serving internal customers. You come with strong experience in with application development/databasing, working with data and executing software development deployment projects.

- Diploma and/or undergraduate degree in Computer Science, Electronics or related Engineering discipline.
- You are a self starter, resourceful and driven to deliver great results.
- Proficient in C/C++ programming languages.



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- Familiarity with .NET programming languages such as C# and visual basic.
- Experience programming for integration with mySQL databases.
- Familiarity with firmware development and electronics an advantage.
- Preferably working knowledge of industrial instrumentation and communications protocols.
- Labview software development skill is nice to have.

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, but it's also good for business. We celebrate our differences and believe our diverse skills, abilities and perspectives strengthen our culture and our overall performance.

Submit resume to: abourdon@pulsarmeasurement.com



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