

Flowlink Environmental - Full Stack IoT Software Developer (Full Time) - Coquitlam, British Columbia, Canada

Why Flowlink Environmental?

Are you passionate about protecting the environment and seeking an opportunity to work in a dynamic, collaborative, and forward-thinking setting? Join our rapidly expanding team of experts in real-time water monitoring and control at Flowlink Environmental, a local Coquitlam-based tech company.

Flowlink Environmental has developed an intelligent, real-time effluent monitoring and control solution that plays a crucial role in protecting aquatic ecosystems from harmful construction and industrial discharges. Our innovative proprietary cloud-based software ensures compliance with even the most stringent regulatory requirements, offering peace of mind to project owners and regulators. Our cutting-edge technology extends beyond effluent monitoring; it allows us to monitor the water quality of urban streams and waterbodies, enabling us to deepen our understanding of the impact of construction and industrial discharges on our precious watersheds.

Over the past five years, Flowlink's real-time discharge water monitoring and control systems have successfully helped to protect a number of local watercourses from construction pollutants.

We are very proud to be leading the way and establishing a new water quality monitoring standard in the Canadian construction industry. If you are eager to make a difference in environmental protection and thrive in a fast-paced, collaborative, and innovative environment, we invite you to join us.

Together, we will work to realize our Vision to reduce the amount of toxic wastewater discharged from construction sites into the receiving environment and improve compliance with environmental legislation on all construction sites across North America.

Job description

We have an exciting opening for a Full Stack IoT Software Developer, available immediately. This role will encompass various responsibilities, including working on the entire software platform, from the web-based dashboard and mobile app to the backend services, including communication modules for remote hardware access. This position is hybrid, requiring a minimum of 20% (equivalent to one day a week) of in-office work. Please note that we are only considering local candidates at this time.

Specific job duties include but are not limited to:

- Design and build seamless and user-friendly UI experiences using React and React Native.
- Participate in the entire application lifecycle.
- Design and build new features for the Ruby on Rails backend.
- Maintain code and write unit tests.
- Write and execute test plans.
- Participate in code reviews.
- Integrate new types of sensors with the platform.
- Improve connectivity between cloud platforms and remote units.
- Enhance cybersecurity measures to further safeguard sensitive data and reinforce platform integrity.
- Assist the field team with remote troubleshooting.
- Assist as needed with other operational needs of the platform.

In summary, this role offers a diverse and exciting range of responsibilities, giving you the chance to make a meaningful impact on the platform by designing and developing both frontend and backend components while collaborating closely with the interdisciplinary team. You will contribute to the continuous improvement and growth of the application, providing users with an exceptional experience and ensuring the platform remains at the forefront of innovation in stormwater monitoring.

Our ideal candidate

Our ideal candidate embodies a strong passion for environmental protection and a genuine desire to make a positive impact. If you are enthusiastic about IoT and/or water monitoring technologies, this opportunity is perfect for you.

The successful candidate will possess a self-driven and positive attitude, combined with efficiency, resourcefulness, and a commitment to quality in all aspects of their work. Exceptional self-management and time management skills will be essential to excel in this role.

Adaptability is key, and we are looking for someone who can quickly grasp and work with new programming languages and frameworks. Attention to detail and critical thinking are paramount as we work with the mission-critical application impacting multiple stakeholders.

Prior start-up experience preferred.

Minimum qualifications

Must have:

Post-secondary graduate: diploma, certificate, or Bachelor's Degree in Computer Science or a relevant field of study

3+ years of experience in Software Development.

2+ years of experience with Ruby on Rails.

2+ years of experience with JavaScript.

1+ years of experience with React.

Solid understanding of Object-Oriented Programming (OOP).

Preferred:

Familiarity with an IoT platform

Familiarity with React Native

Experience with AWS platform

Experience with Docker

Experience with GraphQL

We offer compensation commensurate with experience. Flowlink is an equal opportunity employer, providing a friendly, professional, and dynamic work environment, along with the opportunities for career development and growth.

To apply

If you meet these qualifications and are excited about joining a team that values environmental stewardship and innovation, we invite you to apply and be part of our mission to create a more sustainable future.

Please send your cover letter & resume to info@flowlink.ca. Your cover letter should indicate how you meet our requirements including how you "fit" with Flowlink.

We thank all candidates for their interest, however, only those selected for interviews will be contacted. Position will remain open until filled.