

# Wireless Protocol Engineer

(3 – 6 Month Contract Position)

Relogix has a contract opportunity for someone entrepreneurial and passionate about building great wireless products. In this position, you will help us to design, architect and implement our innovative new product for the Building Internet of Things. We are constantly improving how our wireless network operates in office buildings around the world. We are looking for a Wireless Network Protocol Engineer to take the lead in developing our next generation wireless sensor protocols.

## Responsibilities & Skills

- MUST live in Ottawa. No relocation.
- Works as a senior member of the product team to help develop our global SaaS/IoT platform for the Internet of Things in Smart Buildings
- Be a collaborative, active contributor to the agile product development team
- Bachelor's degree in a relevant field
- Held a job position working as a network protocol developer for at least 3 years and at least 3 more years in an adjacent field.
- Strong verbal/written communication (English) and interpersonal skills including the ability to communicate both technical and general business information
- Must be a wireless network protocol specialist. You know how a communication stack works from the inside, not just from reusing a ready-made implementation. You are intimately familiar with terms like OSI model, MAC, DLL, IEEE 802.15.4, CSMA/CA.
- Have developed (parts of) one or more wireless network protocols in the past.
- Know how to test wireless networks.

## Other desired skills

- Have developed protocol for a commercial IoT product
- Have used network simulation tools such as NS-3
- Some network experience with low-rate wireless personal area networks (LR-WPANS)
- Intimately familiar with one or more of the following protocols such as: 6LoWPAN ZigBee, ISA100.11a, WirelessHART, MiWi, Thread
- PhD or a master's degree in a relevant technological field
- Strong affinity with (RF) electronics and (RF/hardware) testing

Please send email to explain how you fit this role and your resume to [jobs@relogix.com](mailto:jobs@relogix.com)