

Intermediate Software Developer/Engineer

COMPANY

REGEN is a fast growing Toronto based start-up company that was founded with the goal of automating electrical demand management and demand response using a patented swarm-logic approach that is affordable, easy to use, effective, and does not sacrifice occupant comfort. As well, this technology provides the building owner with visibility into the electricity usage within a building. REGEN provides commercial, industrial, institutional, and multi-unit residential facilities with the ability to reduce their electrical demand charges substantially as well as reducing their consumption using the embedded load scheduling functionality resulting in a practical, cost effective approach! REGEN is looking for highly motivated, driven individuals to help us get to the next level. REGEN provides a flexible casual work environment. The successful candidate must have a great sense of humour!

POSITION

The successful candidate will be responsible for enhancing our server software as well as potentially developing firmware for our controllers. The role necessitates developing enhancements/functions from concept through to delivery to clients. It will require reviewing business cases, creating software requirements through the entire development process down to testing and release. The role reports to the CTO, and includes interaction with developers, business analysts, and operations personnel. As a small company, we demand an individual that is flexible and adaptable as this position will take you outside the norm for a typical senior software developer. REGEN uses industry standard tools for software development.

RESPONSIBILITIES

- ❖ Design and development of web-based ASP.NET MVC functions utilizing Telerik controls
- ❖ Design and development of back-end C# based server functions
- ❖ Database modelling, optimization and design using SQL Server 2008 R2
- ❖ Firmware development using C for a PIC microcontroller
- ❖ Creating user documentation for functions implemented

QUALIFICATIONS

- ❖ Bachelor's degree in Computer Science or Computer Engineering
- ❖ Exceptional oral and written communication skills
- ❖ Experience with Use Cases
- ❖ Experience developing and managing system and unit tests
- ❖ Minimum of 2 years doing OOP and design, experience with Agile preferred

- ❖ Ability to manage many concurrent tasks
- ❖ Ability to track progress using MS Project preferred
- ❖ Familiarity with the Electricity Market in North America desirable
- ❖ Hardware microcontroller knowledge preferred
- ❖ Knowledge of swarm logic/distributed intelligence a definite asset

LOCATION: Toronto (Etobicoke, easily accessible by TTC).

COMPENSATION: Competitive and may include stock options/warrants for the right candidate.

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