



An industry leader for high-tech, automated, environmentally controlled greenhouses, ALPS provides turn-key solutions for facility design, engineering, construction, support, maintenance, security, cultivation, and genetics. ALPS also provides consulting and assistance with meeting GACP cultivation and EU GMP certification requirements.

## **APPLICATION DEVELOPER**

***This is a fixed term (12-month) contract, with the possibility of extension or full-time permanent employment at the end of the term.***

ALPS is recruiting for an **Application Developer** to join our growing team. Our ideal candidate will be certified and proficient in the Ignition SCADA development platform. This is a remote position, and the individual can reside anywhere in Canada.

Reporting to the IOT Integration Manager, this Developer will be responsible for, but not limited to, the following:

### **MAIN RESPONSIBILITIES**

- SCADA system implementation, integration, operation, support, and maintenance activities that include data analysis, display development, database configuration, point to point verification and documentation.
- Work collaboratively in a small team to develop data acquisition, data processing and machine learning pipelines for precision agriculture and greenhouse industry.
- Design, develop, and implement clean code, upholding to standard documentation practices, and the ability to solve complex problems with a high degree of efficiency.
- Participate in developing, reviewing, and maintaining all supporting documentation (procedural, application, defects, and resolutions).
- Develop visually appealing dashboard and data analysis graphic user interfaces (GUI) that meet expectations of external stakeholders and users, while maintaining the technical integrity and efficiency of the delivered solution.
- Ensure compliance with relevant regulatory requirements of various global standards for ensuring data integrity, security; such as CFR 21 Part 11.

### **KNOWLEDGE, SKILLS AND ABILITIES**

- Strong knowledge of Python, SQL, Java or other programming languages.
- Good understanding of software validation and verification.
- Strong analytical, troubleshooting skills, programming, and testing skills.
- Deep interest in technology and big data analysis.
- Above average knowledge of Microsoft Office (i.e. Word, Excel, Outlook, etc.).
- Ability to learn new technologies quickly.
- Ability to prioritize tasks and use time effectively to set action plans to achieve business targets.
- Ability to create a positive, safe, and productive team atmosphere.
- Able to follow and uphold standard operating procedures precisely and consistently and identify opportunities for continuous improvement.



## **EXPERIENCE AND EDUCATION**

- A Bachelor's Degree or College Diploma in Electrical Engineering Control System, Computer Science or comparable business experience required.
- 3+ years of relevant development experience in a client/server environment using relational databases (SQL), Python, CSS3 and Web or GUI development reporting tools.
- Certified and proficient in Ignition SCADA development platform.
- Strong working knowledge of database design, technical design for large applications, process flows, and all aspects of system security.
- Experience with AWS or Azure, Spark Plug B, Core Technologies, Edge Computing, OPC-UA, MQTT.
- Experience working in Agile environment and understanding of the methodology.
- Experience with software testing, QF test software or applicable testing standards.
- Experience with setting up and maintaining Database servers.
- Experience at responding to complex and stressful situations and resolving issues positively.

## **CONDITION OF EMPLOYMENT**

- Confirmation you have received two doses of a Health Canada-approved COVID-19 vaccine or acceptable proof of medical or religious exemption

Interested candidates are encouraged to apply with their cover letter and resume to: [hr@alpsmj.com](mailto:hr@alpsmj.com). We would like to thank all applicants for their interest but only those selected for an interview will be contacted.

ALPS is an Equal Opportunity Employer. We are committed to doing business inclusively and accommodate applicants with disabilities. If you require accommodation throughout the recruitment and selection process, please contact our Human Resources Team.