

Please send enquiries with résumé to Mark Roy at mroy@krausglobal.com

Job Title: Embedded Software Developer/Engineer

Job Type: Full-time

Location: Winnipeg, Manitoba

Salary: \$65,000.00 to \$75,000.00 /year

Job Description:

Kraus Global is a leader in compressed natural gas dispensing systems for retail and fleet refueling stations. We are seeking an entry/intermediate level software developer or engineer to join our Engineering Team. This position will initially focus on contributing to the development of software for a new cutting-edge fuel dispenser controller. The position will evolve into a key role at Kraus in the ongoing development and long-term support of new products.

Desired Qualifications:

- Degree in Electrical/Computer Engineering or Computer Science, or equivalent combination of education and experience.
- Minimum one to two years full-time industry experience.
- Proficiency in C/C++ for Embedded Systems
- Proficient in Linux, CLI, Bash shell/tools
- Technical writing, documentation, and professional communication skills.
- Serial/TTY Device programming an asset
- Linux USB Device programming an asset
- Graphic SDL programming an asset.
- Able to read/understand electronic schematics/designs
- Comfortable working with lab test equipment including multi-meters, oscilloscope, power supplies, etc.
- Proficiency in web technologies desirable: Back-end/Front-end development: PHP, JavaScript, HTML/CSS
- Databases (SQL, SQLite, NOSQL, etc..)
- Familiarity with MVC Frameworks an asset (Laravel, Slim, Symfony, etc..)
- Familiarity with Google Cloud Services and/or Amazon Web Services an asset

Job Duties to include:

- Develop graphical customer interface software, with graphical/text prompts, audio/video messaging and slides.
- Develop software to securely transmit process data from an embedded Linux controller to a cloud service provider such as the Google Cloud Platform using an industry standard MQTT protocol.
- Develop cloud platform based analysis and storage system to process incoming controller telemetry and generate comprehensive reports and summaries.
- Technical writing including software documentation, reports, specifications and user manuals.
- Professional communication with customers, partners, and vendors.

