



FOCUS-ON empowers the market with robust solutions integrating smart control valves with high accuracy sensors coupled with powerful on-board diagnostics converts device performance into information. This will enable the industry to optimize processes and build smart factories of the future while ensuring that process control is reliable and safe, thereby maximizing productivity and uptime.

FOCUS-ON is an agile organization built on the trusted groundwork of SAMSON and KROHNE. We are collaborating on cutting-edge technologies that bring together our decades of knowledge and experience in control and measurement of process media. With this, we envision to take a revolutionary leap towards industry 4.0 or IIoT (Industrial Internet of Things).

We are currently looking for creative, self-starting candidates to fill the position of:

Engineer, Embedded Software

Your Profile

We are looking for a professional and experienced Embedded Software Engineer to join our team! As an Embedded Software Engineer, you will be responsible for executing a complete embedded software development lifecycle.

- **Education:** minimum HBO level of education in embedded software;
- **Experience:** A broad interest and good mastery of multiple programming languages such as C, Qt, C++, and Python. Experience with development and troubleshooting on embedded environments. Experience in Real Time Operating Systems, Linux, and it's development tools
- **Personal:** sense of ownership, critical thinking, problem solving, team player;

We would like you to embody our company values:

- Work hard, every day to justify our reputation as an instrumentation specialist
- Bringing our technology to its full potential through a collaborative process of continuous improvement
- Empowering people with reliable, high quality solutions
- Valuing a family culture and the responsibilities that come with it.

How to Apply

Send us your CV @ HR@fon-p.com

Your Responsibilities

- Develop and implement software of embedded devices and systems;
- Optimize I/O performance;
- Provide post-production support to level 3 when necessary;
- Develop, code, test and troubleshoot the system software;
- Analyse, monitor and improve efficiency, stability of the system ;
- Interact with hardware design and development;
- Utilize software configuration management tools, defect tracking tools, and peer review;
- Utilize knowledge of different IP protocols, interfaces and hardware subsystems to troubleshoot and optimize.
- Maintaining the current embedded software stack:
 - trouble-shoot and debug on reported issues,
 - propose resolutions ;
 - implement them;
 - test them and guide a test team;
 - refactor existing software (resolve technical debt);
- Extending the embedded software with new features:
 - Design interfaces with Hardware/Linux software (propose/discuss);
 - Design component level and document it;
 - Design a test strategy and create/support tooling
 - Implement new features along with their test tooling.

**Candidates with microcontroller experience (preferable STM32) as well as Yocto or buildroot embedded Linux is beneficial.*