

## Senior Embedded Software Engineer / IoT Architect (f/m/d)

<u>Starting date:</u>	Immediately
<u>Location:</u>	Hamburg or Rostock
<u>Working time:</u>	Full time
<u>Working experience:</u>	Experienced

Did you know, that according to the United Nations about 4 billion people are facing water scarcity at least one month of a year? At the same time, 30% of water is lost globally through leaks and bursts in water distribution networks. The solution is a smart water network and an active water loss management. But water utilities are missing data to prevent leaks and manage their network efficiently. PYDRO's mission is to preserve water! Our self-powered solutions are unique and we can change the way of managing water networks worldwide.

### Your Job:

- Be responsible for the development of embedded software applications for our IoT solutions.
- Manage the system-cloud integration with external providers.
- Contribute to the development and choice of electronic components like microcontrollers, charge controllers, and communication modules.
- Work in an interdisciplinary team of engineers to increase the product's value.

### You Bring:

- Degree or MSc in Computer Engineering, Electrical Engineering, Communication Engineering, or similar background.
- Several years of experience in developing IoT products from square one to mass production.
- Proficiency on agile development of embedded software applications in C and C++.
- Knowledge on microcontrollers, sensors, and communication interfaces like SPI, I<sup>2</sup>C and UART.
- Embedded Linux skills would be helpful.
- Hands-on approach to test hardware functionality.
- Experience in code development for performance, energy consumption, real-time capabilities, dependability, safeness, and security.
- You are a problem solver, can work autonomously and are willing to get your hands dirty.
- Fluent German and English.

### We Offer:

- The opportunity for you to evolve and develop.
- The opportunity to develop meaningful ground-breaking technologies.
- Responsibility on your developments from the beginning, freedom, and flexibility.
- Flat hierarchies, short decision-making paths.
- A young multicultural environment.
- Working in a nice, inspiring place.

Do you want to work in a highly innovative and international, young and fast-growing company located in Rostock & Hamburg? Please send us your application, salary expectations and earliest possible starting date per e-mail to [work@pydro.com](mailto:work@pydro.com). We are looking forward to meeting you!