

Want to work on the technology underpinning the water supply systems of the future?

You've come to the right place.

EMBEDDED SOFTWARE ENGINEER

ABOUT INFLOWMATIX

Inflowmatix (www.inflowmatix.com) was founded in 2015 as a spin out from Imperial College London. We work closely with water industry specialists, engineering experts, and world-class academics to bring cutting edge research and technology to water utilities around the world that specifically address the challenges in water that we face today.

ABOUT THE ROLE

We are looking for an embedded or firmware engineer with enthusiasm and passion for designing, implementing and testing critical embedded code in an agile environment.

The applicant must have a sound understanding of embedded languages and is comfortable in a world where eeking out performance from the team's code is second nature, whether it's micro or milli, seconds, volts or amps.

The applicant must have unfailing attention to detail and quality, borne out through modern techniques for test-driven embedded development (TDD), continuous integration (CI), integration and system testing.

You will be working within a highly experienced, agile, multi-disciplinary team to develop embedded code to run on our low-power, high speed pressure monitoring and analytics device.

The full-time position is office-based (in Southampton, UK)

Essential skills:

- C programming
- RTOS/embedded linux
- ARM devices
- Device drivers

Desirable skills:

- Bare metal programming
- Low power optimisation
- SPI/I2C protocols
- Test Driven Development (TDD)
- Continuous Integration (CI)
- Python

APPLICATION PROCESS

Enquiries and applications can be sent to careers@inflowmatix.com. We would like initially to see what projects you have worked on and what level of experience you have. We would then invite you to chat with us online and eventually to visit us at our Southampton office, to have a longer discussion and meet the wider team.