

VACANCY

Senior Electronics Design Engineer - Aberdeen

Online Electronics is seeing a dynamic and experienced Senior Electronics Design Engineer to join our innovative Research and Development team. As a key member, you will play a pivotal role in the development of cutting-edge electronics and firmware for new and existing products, as well as bespoke customer-specific applications.

Key Responsibilities //

- Design new products from concept to in-field introduction, with an emphasis on simplicity, reliability and manufacturability.
- Develop circuit schematics, simulations and PCB layouts.
- Microcontroller and DSP programming.
- Provide engineering support for the existing product range.
- Obtain ATEX/IECEX/UXEx accreditation of relevant products.
- Assess technical queries and provide engineering solutions across a diverse product portfolio.
- Participate in the company's Innovation Ideas capture and Ideation process.
- Collaborate with internal departments to ensure the best technical solution is provided in all instances.
- Create and maintain engineering documentation including specifications, proposals, test plans, reports and manuals.
- Ensure engineering solutions are delivered on time and within budget.
- Take ownership and accountability of tasks, reporting progress to the manager.
- Document and report any issues, recommending improvements to existing products.
- Comply with company and departmental QA & HSE procedures and processes.

Skills & Experience //

- Analog electronics design and development experience.
- Digital Signal Processing design and development experience.
- Extensive experience with high-level development languages, preferably C++ and C.
- Microcontroller C and assembly programming.
- Operating systems: Windows.
- Understanding of sensors, data gathering and distribution of data to various sources.
- Wireless comms (Bluetooth, LoRaWAN, IoT, LTE).
- Wired comms (Ethernet, USB, RS485, MODBUS, HARD, I2C).
- Strong IT skills.
- Subsea or Pipeline electronic systems development (advantageous).
- Excellent organisational skills and attention to detail.
- Capability and confidence to challenge the norm.
- Analytical and logical problem-solving skills
- Ability to work well as part of a team and autonomously.
- Technical, practical and scientific knowledge and ability.



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Qualifications //

- Electronic/Electrical engineering degree or equivalent industry experience.
- 10+ years of professional experience in electronics and firmware development.
- Experience in Research & Development environment (desirable.)
- Provide engineering support for the existing product range.

Benefits //

- 28 Days Holiday, increasing with years of service.
- 5% Employer Pension Contribution
- Hybrid Working
- 35 Hour Week
- Ability to accrue flexitime

If you are a passionate and experienced Engineer, looking for an exciting opportunity to contribute to cutting-edge technology, we invite you to apply. Join our dedicated R&D team and help shape the future of Online Electronics.

To apply, please send a copy of your CV to:
gavin.duncan@ik-worldwide.com