



Embedded Development Engineer

ABOUT INTEGREL SOLUTIONS

Do you want to help build the future in marine electric-drive and hybrid technologies?

Integrel Solutions is a dynamic and creative engineering company that produces innovative energy generation, storage and propulsion products for the global marine market; in the past 5-7 years we've multiple technology innovation awards as a testament to our creativity.

We are currently searching for a talented and passionate embedded development engineer to help us design, develop and expand our marine power generation and hybrid electric drive products.

The position is available for immediate start and offers very attractive compensation, benefits and relocation package (if required) for the right candidate.

JOB DESCRIPTION

Role Embedded Software Development Engineer, reports to Director of Software.

Scope

- Develop and expand the functionality of our marine generation and hybrid electric drive systems
- Expand and improve the design and operation of core Integrel products
- Assist the verification team to ensure product reliability
- Work with the customer advocacy team to address product-related issues in the field

Hours Full time. Mon-Fri (37.5 hours per week)

Location Integrel HQ in Hayle, Cornwall UK.

Salary Negotiable with generous compensation package.

Applications In writing to hr@integrelsolutions.com

Skills and Qualifications

- A recognized university degree in Software/Computer Science Engineering (or equivalent)
- Minimum 3+ years of experience as an embedded/systems development engineer
- Strong interest in creating quality products
- Passionate with an eye for detail
- Demonstrated experience developing with embedded C
- Proficient programming with Python
- Proficient with tools for source control and issue tracking such as git and Jira
- Ability to adapt to new technologies and platforms
- Ability to prioritise task assignments to meet project schedules and objectives
- Strong verbal, written and interpersonal communication skills

Desirable Skills and Attributes

- Exposure to energy generation and/or marine electronics
- Good understanding of hardware/firmware debugging techniques
- Knowledge of marine protocols and/or standards including NMEA2000, BMEEA, ABYC
- Knowledge of CAN bus protocol(s) including J1939
- Creative independent thinking with good problem-solving skills
- Good communication and documentation skills
- Willing to learn new hands-on skills
- Advocate for continuous improvement