Software Integrator – Embedded Systems (m/f/n)

Freelance-ID: OCR-FL-2345

The project is about embedded systems built with 16-32 bit ARM Cortex M controllers and programmed with C language. The products feature proprietary amplitude control algorithms for proprietary resonant drives, graphical user interfaces, wireless charge management systems for Li-Ion batteries and wireless data transmission interfaces according to international IEEE standards (WLAN, Bluetooth).

Tasks:

- Develop a strategy for integrating software items consistent with the project plan and release plan
- Develop software integration test strategy including regression test strategy
- Develop the test specification for software integration test including the test cases according to the software integration test strategy for each integrated software item
- Integrate software units and software items
- Select test cases from the software integration test specification
- Perform software integration test
- Establish bidirectional traceability between elements of the software architectural design and test cases included in the software integration test specification
- Ensure consistency between elements of the software architectural design and test cases included in the software integration test specification

Skills:

- Successfully completed studies in computer science, electrical engineering or a comparable qualification
- +3 years of professional experience in software development of embedded systems – preferably in medical device industry
- Profound knowledge in software architecture and detail design
- Knowledge of development processes (Automotive SPICE) and functional safety
- Knowledge of FDA and Canada Health standards for medical devices beneficial
- Fluent English is mandatory; German is benificial

Additional Information:

Location: Frankfurt area
Project Start: 01.07.2023
Duration: 6 months
Workload: 4-5 days / week
Remote Share: 40%

Your OCR contact

Roman Sperling
phone: 07472-95176-22
Email: rs@oc-recruitment.de