Embedded Software Engineer

OPPORTUNITY

Ainira Industries is currently seeking applicants for an Embedded Software Engineer to join our growing team in Melbourne, Australia.

JOB DESCRIPTION

This individual will design and implement software of embedded devices and systems. The Embedded Software Engineer will be responsible for designing, developing, coding, testing and debugging system software. This position requires an individual who can analyse and enhance efficiency, stability, and scale ability of system resources.

RESPONSIBILITIES

- Design and implement software of embedded devices and systems from requirements to production and commercial deployment

- Design, develop, code, test and debug system software

- Integrate and validate new product designs

- Support software QA and optimise I/O performance

- Provide post production support

- Interface with hardware design and development

- Write detailed work instructions including assembly, test, material inspection and validation procedures.

SKILLS and ABILITIES

- BSc degree in Computer Science or Engineering

- 10+ years' experience in software engineering

- Experience in hands-on development and troubleshooting on embedded targets

- Solid programming experience in C

- Proven experience in embedded systems design with pre-emptive, multitasking real-time operating systems

- Familiarity with software configuration management tools, defect tracking tools, and peer review

- Excellent knowledge of low-level coding techniques, IP protocols, interfaces and hardware subsystems

- Adequate knowledge of reading schematics and data sheets for components

- Strong documentation and technical writing skills

- Ability to collaborate in a team environment, and works well under pressure in a dynamic fast-paced environment.
- Must be able to accurately communicate ideas, always operate on a professional level, and provide solutions to challenging issues.

COMPENSATION

The Company offers a competitive compensation and benefits package.

APPLY

Click "Apply" below or use form in the Contact section – quote the reference number HR-SFT-0049. Only the shortlisted candidates will be contacted. Thank you for your interest.