



Embedded Engineer Lead 👍 Exclusive job

Japanese Medical Device Manufacturer

Job Information

Recruiter

Ahead Japan

Hiring Company

Global company

Job ID

1501523

Industry

IT Consulting

Company Type

Large Company (more than 300 employees) - International Company

Non-Japanese Ratio

Majority Japanese

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

6 million yen ~ 10 million yen

Refreshed

January 15th, 2025 00:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level (Amount Used: English usage about 50%)

Minimum Japanese Level

Business Level

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

- Understand client requirements
- Design & development of embedded software application including GUI for medical devices.
- Verification and validation of developed software.
- Communication and security requirements analysis, specification creation
- Design and verification of CPU and middleware software
- Adhere regulatory standards and guidelines for medical product development

Required Skills

- Bachelor's degree in relevant field with bilingual capability (Japanese and English)
- 3+ Years of Embedded software development experience in medical domain.
- Strong knowledge of Embedded C and have good analytical skills.
- Experience in embedded software design and development using OS/RTOS on MCU/SoC's.
- Experience in embedded GUI development.
- Good at designing system architecture, implementation, unit testing, verification and validation.
- Experience in developing embedded software for sensor control and motor control.
- In-depth understanding of different communication protocols such as SPI, I2C, CAN, Ethernet, USB etc.
- Good understanding of OS concepts, multithread applications, IPC mechanisms, scheduling and memory management
- Basic knowledge of Hardware with respect to board bring-up and diagnostics.
- Experience with hardware debugging tools and interface like JTAG, SWD.
- Good interpersonal communication (both Japanese and English) skills and experience in collaborating with the team.
- Client handling and coordination with offshore development team
- Providing technical guidance to the development team, mentoring and guiding engineers, and being a role model for technical excellence.

Company Description