



Embedded Software Engineer (RTOS & AUTOSAR)

Job Information

Hiring Company

Cyient K.K.

Job ID

1567334

Industry

IT Consulting

Job Type

Permanent Full-time

Location

Japan

Salary

Negotiable, based on experience ~ 7 million yen

Work Hours

In accordance with company regulations

Holidays

In accordance with company regulations

Refreshed

February 18th, 2026 10:00

General Requirements

Minimum Experience Level

Over 1 year

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Daily Conversation

Minimum Education Level

High-School

Visa Status

Permission to work in Japan required

Job Description

«Job Description & Position Highlights»

- Development work encompassing design through implementation and testing of real-time embedded software for automotive applications
- Acquire advanced technologies supporting RTOS and AUTOSAR while deepening expertise across the full development lifecycle
- Enhance problem-solving and communication skills through customer technical support and cross-departmental collaboration
- Choose to work in either Northern Kanto or Chubu regions, with flexible work arrangements and growth opportunities based on experience

[Job Responsibilities]

We are seeking experienced Embedded Software Engineers to develop critical, real-time in-vehicle systems in the Chubu region, including customer technical support and development of AUTOSAR-compliant software. The role involves the full development lifecycle, from detailed design to implementation and unit testing.

- Software Development: Perform design, implementation, testing, and debugging of embedded software using C/C++.
- RTOS Systems: Develop systems that utilize a Real-Time Operating System (RTOS) for in-vehicle applications (e.g., periphery monitoring).
- Technical Support: Provide technical support for the development of customer in-vehicle systems.
- Design & Testing: Lead detailed design and unit test design efforts.
- Collaboration: Maintain smooth and effective communication within the department and with customers.

[Employment Type]

Full-time, Permanent Employee

[Salary]

Based on experience and skill level

[Working Hours]

In accordance with company regulations

[Work Location]

North Kanto Office / Chubu (Dual location option)

Ibaraki OR Aichi

[Holidays & Leave]

In accordance with company regulations

[Benefits & Welfare]

In accordance with company regulations

Required Skills

Qualifications**[Required]**

- Japanese Level: N3 and above
- Embedded Experience: Experience in embedded software development (design, implementation, testing, debugging).
- RTOS Experience: Experience in developing systems that use a Real-Time Operating System (RTOS).
- Design Focus: Experience in detailed design and unit test design.
- Soft Skills: Good communication skills and ability to read English technical documents.

[Preferred Experience]

- System Design: Experience in system design and integration test design.
- AUTOSAR: Knowledge of the AUTOSAR standard.
- Security: Knowledge of Security standards.
- Version Control: Experience using version control tools such as Git and SVN.
- Documentation: Experience in proposing specifications and creating requirements definition documents.

Company Description