CYIENT

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
June 3rd, 2026 08:00

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