

CYIENT

Embedded Software Development Engineer (In-Vehicle Navigatio

Job Information

Hiring Company

[Cyient K.K.](#)

Job ID

1567339

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

May 6th, 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»

- Responsibilities include developing embedded software for in-vehicle navigation systems, conducting hardware integration verification for next-generation models, and verifying coordination with other ECUs.
- Engage in development using Linux and C/C++, as well as audio/video and communication evaluation, gaining expertise across a broad range of technical domains.
- Contribute to developing future models and experience the satisfaction of enhancing product quality through functional verification.
- Gain practical experience, including real-device evaluation, at our Katsuta and Iwaki locations, deepening your expertise in the embedded systems field.

[Job Responsibilities]

We are seeking an Embedded Software Development Engineer to contribute to the Company H FY30 project. This role focuses on embedded software development for in-vehicle navigation systems, hardware verification for the next model, and developing software for audio/video and communication verification with other ECUs.

- Software Development: Develop embedded software for in-vehicle navigation systems.
- Hardware Verification: Conduct hard verification (hardware/software integration testing) for the next vehicle model.
- Verification Software: Develop software specifically for verifying audio/video and communication protocols with other in-vehicle units.
- Utilize Linux, C, and C++ languages in development.

[Employment Type]

Full-time, Permanent Employee

[Salary]

Based on experience and skill level

[Working Hours]

In accordance with company regulations

[Work Location]

Katsuta / Ibaraki

Iwaki / Fukushima

[Holidays & Leave]

In accordance with company regulations

[Benefits & Welfare]

In accordance with company regulations

Required Skills**Qualifications****[Required]**

- Japanese Level: N3 and above
- Programming: Proficiency in C/C++ language.
- OS Experience: Experience in Linux development environments.

[Preferred Experience]

- Experience in the full software lifecycle, including design, development, and evaluation (testing).
- Experience with in-vehicle communication protocols (e.g., CAN, Ethernet).
- Experience with audio/video streaming or media integration.
- Experience working on future model projects.

Company Description