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 27th, 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