



Embedded Software Engineer – Automotive

Job Information

Temp Agency

Randstad K.K., Professionals

Job ID

1474112

Industry

Automobile and Parts

Job Type

Contract

Location

Tokyo - 23 Wards

Salary

5 million yen ~ 6.5 million yen

Work Hours

9:00-18:00

Refreshed

July 21st, 2025 10:00

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Daily Conversation (Amount Used: English usage about 50%)

Minimum Japanese Level

Business Level

Minimum Education Level

Associate Degree/Diploma

Visa Status

Permission to work in Japan required

Job Description

Summary:

We are seeking a highly motivated and experienced **Embedded Software Engineer** to join our **automotive embedded software** team. You will develop embedded software for in-vehicle communication protocols, ensuring seamless audio control integration within automotive networks.

Key Responsibilities:

- Gather and analyze customer requirements in early development stages.
- Design, implement, and debug embedded software.
- Collaborate with cross-functional teams (core development, QA, etc.).
- Conduct code reviews and ensure compliance with product definitions.
- Analyze technical challenges and propose effective solutions.
- Communicate effectively with customers and global BOSE teams.
- Manage the full software development lifecycle (requirement, design, implementation, testing).

Required Skills

Required Experience & Skills:

- Strong programming skills in **C/C++**.
- Experience with **embedded RTOS** (Vector OSEK/VDX, AUTOSAR).
- Familiarity with **CAN communication software development**.
- Proficiency in **static/dynamic code analysis**.
- Hands-on experience with **lab equipment** (oscilloscopes, protocol loggers, etc.).
- Knowledge of **configuration management tools** (e.g., Subversion, JIRA).
- Ability to read **schematics and data sheets** for peripheral components.
- Excellent documentation, communication, and problem-solving skills.
- Fluency in **English and Japanese**.
- Strong time management and ability to work independently.

Company Description