



Onsite Embedded Engineer

Job Information

Recruiter

ACS Japan

Job ID

1485546

Industry

IT Consulting

Job Type

Permanent Full-time

Location

Kanagawa Prefecture

Salary

7.5 million yen ~ 10 million yen

Refreshed

July 4th, 2024 18:09

General Requirements

Minimum Experience Level

Over 3 years

Career Level

Mid Career

Minimum English Level

Business Level

Minimum Japanese Level

Business Level

Minimum Education Level

Bachelor's Degree

Visa Status

Permission to work in Japan required

Job Description

[Onsite Embedded Engineer]

■Role descriptions / Expectations for the Role

- Understand customer expectations from technical point of view for design of embedded Software and Hardware
- Understanding the ECU functions like ECU Base Software, Calibration Data, FOTA, DoIP, SOMEIP Services, etc. and query resolution from Client/Supplier
- Analyze the requirement related with these functions, create Test specification, Develop Automated Test Units, and validate the ECUs
- Management and Validation of existing tools and tool modification based on Specification update
- Develop smart automated solutions for complex test scenarios
- Configuration of the Ethernet SW-HW Components in the Prevision
- AUTOSAR System and Software Design modelling
- Log Analysis of Ethernet Stack - IP, TCP, UDP, SOMEIP, MAC, ARP, TFTP, RTP, DoIP, etc
- Obtain and Understand Customer Requirements for Remote Diagnostics, Data Uploader, UDS Service authentication, Cloud service performance measurements, etc
- Manage offshore teams for development of Android applications and ECU boards
- Integration of hardware and Software modules at site location

-Vehicle testing and performance evaluation

Required Skills

-Automotive domain experience

-Offshore Team Management experience

Communication:

-Fluent in English (at least Business), Business level Japanese (N3 or more)

Technology:

-Expertise in Embedded Software Design and development

-Extensive knowledge and experience with Adaptive/Classic AUTOSAR System - Software Architecture, Arxml components, etc

-Understanding and Hands-On Development experience with ECU's and Microcontrollers

-Experience and Solid Knowledge of the Object-Oriented Paradigm, Data Structures, Pointers, Windows Multithreading

-Development experience using CAPL, (Embedded) C / C++ (On-Linux) / C#, and Python programming languages

-Experience with each of the following Vehicle Communication Protocols:

* CAN, CAN-FD, LIN

* UDS, Ethernet, DoIP, SOME/IP, TCP, UDP, TFTP, RTP

* UDSONCAN/IP, J2534/DPDU standards

-Expertise in Automotive Validation Tools such as:

* CANoE, CANalyzer, CANape

* Wireshark, VTestStudio, HIL testing, Log Analysis, Jira

-Project management Experience with Agile methodology

[Work Place]

Onsite / Not remote work

Closest Station: Aikoishida (Kanagawa Pref.)

Company Description