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CYIENT

Embedded SW development

Job Information

Hiring Company
Cyient K.K.

Job ID
1490310

Industry
Automobile and Parts

Company Type
Large Company (more than 300 employees)

Job Type
Permanent Full-time

Location
Kanagawa Prefecture

Salary
Negotiable, based on experience

Refreshed
June 24th, 2025 09:00

General Requirements

Minimum Experience Level
Over 3 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Business Level

N3 and above

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

Position: Embedded SW development
Location: Totsuka
Language: N3 and above

Job Description:

Responsibilities:

- Design and develop automotive Embedded sofware based on the AUTOSAR standard.
- Collaborate with system engineers and other developers in designing & coding.
- Will be involved in onboard debugging and evaluation
- Perform unit and integration testing of AUTOSAR software components.

- Understand and apply AUTOSAR specifications, methodologies, and tools.
- Maintain and document AUTOSAR code and configurations.
- Stay up-to-date with the latest AUTOSAR developments and trends.

Required Skills

Qualifications:

- Bachelor's degree in Computer Science, Electrical Engineering, or a related field.
- Minimum of [X] years of experience in embedded systems development.
- Strong understanding of C programming and embedded system concepts.
- Microcontroller driver development (I/O input/output, A/D conversion, timer, PWM output)
- SW consideration/design by looking at circuit diagrams/microcontroller manuals
- Debugging by downloading programs to microcontroller boards
- Experience in motor control SW development
- Should possess HILS environment construction
- Upstream design using Enterprise Architecture
- Proven experience in Model creation using MATLAB/Simulink is additional plus
- Usage of tools like winAMS
- Microcomputer driver development (EEPROM, CAN, serial communication) is plus
- Experience in automotive ECU development is preferred

Company Description