

CYIENT

Embedded Lead

Job Information

Hiring Company[Cyient K.K.](#)**Job ID**

1490309

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

July 1st, 2025 04:00

General Requirements

Minimum Experience Level

Over 6 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 Lead**Location:** Yokohama**Language:** N3 and above**Job Description:****Responsibilities:**

- Design and develop automotive software applications based on the AUTOSAR standard.
- Configure and integrate AUTOSAR Basic Software (BSW) modules, including RTE, communication stacks, and micro-controller drivers.
- Collaborate with system engineers and other developers to define and implement software requirements.
- 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.
 - May participate in customer meetings and provide technical support.
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Required Skills

Qualifications:

- Bachelor's degree in Computer Science, Electrical Engineering, or a related field.
 - Minimum of 5 years of experience in embedded systems development.
 - Strong understanding of C programming and embedded system concepts.
 - In-depth knowledge of the AUTOSAR standard (AUTOSAR 4.x or later preferred).
 - Experience with AUTOSAR configuration tools (e.g., Vector DaVinci, EB TresOS).
 - Familiarity with real-time operating systems (RTOS) concepts.
 - Experience with automotive communication protocols (e.g., CAN, LIN, FlexRay, Ethernet).
 - Excellent analytical and problem-solving skills.
 - Strong written and verbal communication skills.
 - Ability to work independently and as part of a team.
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