AUTOSAR Embedded developer

Job Information

Hiring Company
Cyient K.K.

Job ID
1490437

Industry
Automobile and Parts

Job Type
Permanent Full-time

Location
Kanagawa Prefecture

Salary
Negotiable, based on experience

Refreshed
April 22nd, 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

N2 and above

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

Position: AUTOSAR Embedded developer
Location: Yokohama
Language: N2 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.

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.
- 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.

Company Description