

CYIENT

MATLAB Lead engineer

Job Information

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

1490304

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 10:00

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: MATLAB Lead engineer**Location:** Yokohama**Language:** N3 and above**Job Description:**

- Responsible for designing and implementing and validation of MBD models Review the software created by the other company.
- Analyze complex and critical software interfaces and suggest improvements Planning, scheduling, monitoring, and reporting on software-related activities for various projects
- Responsible for the software development, good communication skills to work with cross-functional team.
- Apply principles of SDLC and methodologies like Lean/Agile Self-driven and strong inter-personal skills

Required Skills

Eligibility

Mandatory requirements-

- Must have strong experience in model-based development using MATLAB, Simulink and state flow.
 - Should possess excellent development, coding and testing skills Development of MATLAB/Simulink model for automotive ECUs.
 - Experience in control system design using MATLAB/Simulink Experience in Simulink APIs m-scripting.
 - Experience in static code analysis using Polyspace.
 - Should be able to write test cases by referring to requirements or model Experience in MBD testing such as MIL/SIL
- Experience in MATLAB verification and validation toolbox like "Simulink Design Verifier" .
- Experience in C/C++ in embedded domain Good understanding of automotive embedded system.
 - Welcome requirements AUTOSAR experience Good to have AUTOSAR application development experience

Company Description