

# 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**

April 1st, 2025 11:00

### 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

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## 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
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