

# CYIENT

## Vehicle battery control software development

### Job Information

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

1515955

**Industry**

Automobile and Parts

**Company Type**

Large Company (more than 300 employees)

**Job Type**

Permanent Full-time

**Location**

Aichi Prefecture, Okazaki-shi

**Salary**

Negotiable, based on experience

**Refreshed**

April 22nd, 2025 05:00

### General Requirements

**Minimum Experience Level**

Over 3 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

**Automotive battery development designer****Location:** Okazaki (Hashime)**Japanese Level** – Bilingual Japanese native Or Non-Japanese above N2**Job Roles and Responsibilities**

- Lead the development of battery modules and cells, ensuring they meet standards for efficiency, durability, and safety.
- Serve as the primary point of contact for suppliers, coordinating specifications, performance expectations, and final validation.

- Design structural solutions for securely fastening battery modules within packs, ensuring safety and reliability.
  - Define performance requirements and work with engineering teams to achieve optimal system performance.
  - Conduct simulations based on battery characteristics to predict performance, inform design decisions, and ensure reliability.
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## Required Skills

### Key Skills

- Bachelor's degree in Mechanical Engineering, Automotive Engineering, or a related field.
  - 3 or more years of experience in automotive battery development, with specific expertise in module and cell design.
  - Demonstrated experience working with suppliers to establish and refine technical specifications.
  - Knowledge of battery technologies (e.g., lithium-ion chemistry, thermal management).
  - Proficiency in performance simulation software (e.g., MATLAB, Simulink, ANSYS) and CAD software for structural design.
  - Strong analytical skills for interpreting data and resolving design issues.
  - Excellent interpersonal skills, with the ability to collaborate across teams and communicate technical details effectively
  - Proven ability to manage project timelines and workstreams effectively
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## Company Description