

# CYIENT

## Mechanical Developer - Vehicle Layout

### Job Information

**Hiring Company**

Cyient K.K.

**Job ID**

1515954

**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**

January 28th, 2025 04:00

### General Requirements

**Minimum Experience Level**

Over 3 years

**Career Level**

Mid Career

**Minimum English Level**

Business Level

**Minimum Japanese Level**

Business Level

**Minimum Education Level**

Bachelor's Degree

**Visa Status**

Permission to work in Japan required

### Job Description

**Job Roles and Responsibilities**

- Develop and implement strategic vehicle layout plans aligned with overall product development goals, in accordance with regulatory and internal guidelines.
- Create detailed project plans, timelines, and resource allocation to ensure efficient execution.
- Collaborate with cross-functional teams, to ensure layout strategies align with functional and manufacturability objectives.
- Utilize established packaging standards to ensure product quality and manufacturability.
- Investigate and analyze packaging challenges and propose innovative solutions to improve vehicle performance and efficiency
- Verifying that all components within the layout fit together without interference, considering tolerances and manufacturing limitations
- Perform advanced 3D modeling, data collection, and drawing generation using CATIA to create precise packaging layouts.
- Prepare detailed technical drawings, specifications, and reports to communicate design intent and manufacturing

requirements.

- Reviewing physical prototypes to validate design concepts and identify areas for improvement
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## Required Skills

### Key Skills

- Bachelor's degree in Mechanical Engineering, Automotive Engineering, or a related field.
- Strong understanding of vehicle design principles, including ergonomics, safety, and manufacturing processes.
- Proficiency in CATIA
- Excellent problem-solving and analytical skills to identify and resolve design challenges.
- Attention to detail and a commitment to quality.
- Ability to work effectively in a team environment and collaborate with diverse stakeholders.
- Ability to work with MS office tools like Excel, PPT
- Experience in the automotive industry is preferred.
- Proven ability to manage project timelines and workstreams effectively

### Additional Requirements

Prior experience in vehicle interior or underfloor layout planning is highly desirable, as this knowledge contributes to efficient design and packaging solutions

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