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CYIENT

# Structural Analysis Engineer

## Job Information

**Hiring Company**
Cyient K.K.

**Job ID**
1490791

**Industry**
Automobile and Parts

**Company Type**
Large Company (more than 300 employees)

**Job Type**
Permanent Full-time

**Location**
Aichi Prefecture

**Salary**
Negotiable, based on experience

**Refreshed**
June 3rd, 2025 04:00

## General Requirements

**Minimum Experience Level**
Over 10 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

**Position:** Structural Analysis Engineer
**Location:** Nagoya
**Language:** Bilingual

**Job Description:**

Structural Analysis Engineer with a specialization in stress analysis for eVTOL aircraft. As part of our dynamic aerospace engineering team, you will contribute your expertise to ensure the structural integrity and optimal performance of our cutting-edge electric vertical takeoff and landing vehicles. The ideal candidate will have a strong background in CFRP materials, structural analysis.

- Plan analysis and testing in accordance with structural assurance
- requirements
- Lead detailed structural analyses of eVTOL components constructed
- with CFRP materials, ensuring compliance with strength, stiffness, and durability requirements.

- Evaluate stress, strain, and deformation characteristics under static, dynamic, and thermal loads.
- Develop and maintain documentation necessary for certification, including analysis reports, test plans, and compliance matrices.

## Required Skills

**Essential Skill**

- Candidates who meet all of the following
- Experience in structural analysis of aircraft
- Experience in calculating and reporting the results of various analyses of metal or CFRP structures or composite structures of both
- Experience with Nastran and LS-DYNA
- Knowledge of material mechanics

**Desirable Skill**

- Knowledge of general aeronautical engineering
- Experience in structural modification planning
- Experience in various types of analysis such as fluid analysis, thermal analysis, noise analysis, etc.

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