

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

December 31st, 2024 03:00

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.
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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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Company Description