

Bilingual Suspension Design Engineer Exclusive job

Job Information

Recruiter[Izumi Network Yugen Kaisha](#)**Job ID**

1602791

Industry

IT Consulting

Job Type

Permanent Full-time

Location

Tokyo - 23 Wards

Salary

6.5 million yen ~ 8 million yen

Refreshed

July 30th, 2026 00:00

General Requirements

Minimum Experience Level

Over 6 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

Our client is looking for suspension, chassis-related component design engineer,

Work location: Ageo, Saitama prefecture (Onsite)

Japanese proficiency: N3+, able to communicate in working environment

Budget:~7-8M

Suspension Design Engineer

Ageo, Saitama, Japan (On-site)

Responsibilities:

- Design and develop leaf-spring and air-suspension systems from concept through virtual build
- Perform 3D modeling, system packaging, and validation of suspension systems for commercial vehicles
- Create detailed 3D CAD models and 2D manufacturing drawings with accurate GD&T and kinematic considerations using CREO and PLM/PDM systems
- Design and package front and rear suspension components, including control arms, springs, dampers, and stabilizer bars
- Conduct and interpret FEA and multi-body simulations to evaluate durability, stiffness, and vehicle dynamics

- Support prototype builds, field testing, and track testing, ensuring compliance with durability, NVH, and regulatory standards
 - Collaborate with cross-functional teams (engineering, purchasing, suppliers, manufacturing) to ensure Design for Manufacturing (DFM) and Design for Assembly (DFA)
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Required Skills

Qualifications:

- 5+ years of experience in mechanical design of suspension systems,
 - Proficiency in business-level Japanese (N2+) and English (TOEIC 700+).
 - Strong proficiency in CAD tools and experience with PLM/PDM tools
 - Good understanding of FEA, vehicle dynamics, and multi-body simulations
 - Experience in prototype validation, testing, and NVH analysis
 - Strong knowledge of manufacturing processes and design best practices (DFM/DFA)
 - Experience with KOLA is a plus
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Company Description