NVH FEA Engineer (m/f/d)

LOCATION
Kuala Lumpur

COMPANY
ARRK Malaysia Sdn Bhd

CONTRACT TYPE
Full-time

Form of Work
Office

WHAT TO EXPECT

We are looking for a passionate **NVH FEA Engineer** to join our growing engineering team. In this role, you will contribute to the development of innovative automotive solutions by performing advanced structural and vibro-acoustic simulations for vehicle systems and components.

Working in an international environment, you will be involved in challenging projects across multiple vehicle domains, collaborating with experienced engineers and supporting the development of next-generation mobility solutions.

YOUR TASKS

- Support the execution of technical simulation and calculation projects.
- Perform linear and non-linear, static and dynamic structural analyses using industry-leading CAE tools such as Nastran, Abaqus, and LS-DYNA.
- Contribute to a wide range of vehicle development projects, including Body-in-White (BIW), High-Voltage Battery Systems, and Interior & Exterior Components.
- Work on comprehensive projects from including obstacle crossing, thermal expansion (interior and exterior parts), misuse (door/gate slam), idle speed excitation, wheel unbalance excitation, comfort noise and sound pressure level, dynamic body torsion.
- Develop, maintain, and optimize simulation models; launch and monitor simulation runs; and analyze, interpret, and document results.
- Collaborate closely with a young, dynamic in a multinational environment.

YOUR PROFILE

- Bachelor's or Master's degree in Mechanical Engineering, Physics, Civil Engineering, Applied Mathematics or a related technical field.
- Interest in structural mechanics, finite element analysis (FEA) and numerical simulations, developed during academic studies or through professional experience.
- Previous experience in CAE, structural analysis, NVH, durability, or related engineering disciplines is considered a strong advantage.
- Knowledge of simulation tools such as Nastran, Abaqus, LS-Dyna, or similar software is highly desirable.
- Analytical mindset with strong problem-solving capabilities.
- Good organizational and communication skills.
- Professional proficiency in English.
- German language skills are an advantage but not mandatory.

YOUR BENEFITS

Exciting projects

Employee events

Attractive salary

Creative scope

Pleasant working atmosphere

APPLY NOW

CONTACT
Iliana Morales Reyes

career@arrk-engineering.com
+ 49 (0)89 / 31857-0
Privacy Policy

ARRK Engineering is part of the international ARRK group of companies and specialized in product development. Within the ARRK group of companies we implement product developments from virtual development to prototypes and small series production.

For reasons of simplification, only the masculine form is used in this job advertisement. However, persons of any gender and any orientation are always meant equally.
Our job offer is equally directed at severely disabled persons and persons of equal status.