

FEM Simulation Engineer

E2M Technologies B.V. is a young company with its headquarters in Amsterdam, the Netherlands. E2M designs, develops and manufactures electric motion and control loading systems for a wide variety of applications such as vehicle simulation (aircraft, cars, trains, armoured vehicles, etc.), entertainment rides, research and development and many more. E2M products are exported worldwide from our EU and US offices. The working atmosphere at E2M is informal, dynamic, challenging and flexible.

Our unique position in the market allows E2M to grow rapidly. To strengthen our mechanical design engineering team, E2M is looking for an enthusiastic colleague with a passion for high-tech systems.

The FEM simulation engineer is responsible for the strength analysis of the designs produced by the design department. For the multiple industries E2M is active in, different criteria and norms are applied, the FEM department ensures these are met.

The tasks are challenging and versatile such as:

- Verify strength and stiffness of motion system components using dedicated Finite element modelling software.
- Provide technical assistance to design engineer team throughout the project
- Optimization of mechanical parts and assemblies.
- Perform assessments according to international standards
- Summarize FEM assessment in technical construction document
- Perform tests on new components and analyse results

You:

- Are an accurate and concise worker
- Have affinity with mechatronic systems
- Are fluent in English
- Have a flexible working attitude
- Have strong verbal and written communication skills
- Are self-motivated and well organized

Minimum requirements:

- Master degree in Mechanical or aerospace engineering
- Experience with Siemens NX-CAE / SimCenter is preferred

E2M offers:

- An open, modern working environment, using short communication lines
- Possibilities for growth in responsibilities
- Possibilities for courses and personal development
- International working environment
- Working with interesting high-tech products

If you think this job is for you, please send your resume and motivation letter to jobs@e2mtechnologies.eu