

Structural Analyst R&D (Interim)

For our customer in Zeeland we are in search for a **Structural Analyst R&D (Interim)**

Job description

As an interim Structural Analyst in Research and Development (R&D), you will be part of a dedicated team within the Naval & Structural division, which operates under the Engineering department. Your role will involve working on various projects that span both basic and detailed engineering phases, contributing to innovative advancements in ship structure assessments. You will be engaged in global research and development efforts to enhance the design, validation, and application of advanced structural analysis techniques.

In this role, you will be tasked with creating comprehensive structural designs, supported by relevant calculations, from the proposal stage through to the entire service life of the vessel. Your responsibilities will include producing both general construction plans and detailed structural calculations, with a focus on aspects such as strength, fatigue, stiffness, vibrations, buckling, and military load assessments (e.g., blast resistance, sound signatures). Producibility and maintainability considerations will also be part of your design process.

As an interim Structural Analyst R&D, you will oversee the preparation of project deliverables, including class approval of the structure, and will regularly engage in technical meetings with colleagues, suppliers, class societies, and client representatives. You will guide structural engineers in 3D CAD modeling and contribute to ensuring that the resulting drawings and production packages meet high standards. Additionally, you will be encouraged to share knowledge and drive improvements within the department's internal processes.

Key Responsibilities:

- ✓ Contribute to the design and implementation of cutting-edge solutions in ship structural engineering.
- ✓ Specify, develop, and test simulation software tools to support engineering tasks.
- ✓ Integrate and optimize existing software products, ensuring compatibility across platforms.
- ✓ Develop standards and document best practices for engineering processes and methodologies.
- ✓ Ensure all designs and solutions comply with regulatory and customer-specific requirements.
- ✓ Act as a key member of technical project teams, ensuring that projects are completed within budget and on schedule.
- ✓ Provide technical guidance and support to teams on ship structure calculations and related analysis.

Your qualifications

- ✓ A Bachelor's or Master's degree in a relevant technical discipline.
- ✓ Experience with Python, FEM modeling, and analysis software such as ANSYS, NX, or FEMAP.
- ✓ A solid understanding of ship structures, with expertise in object-oriented analysis, design, and programming.
- ✓ Fluency in both written and spoken English; Dutch language skills are a plus.

- ✓ Excellent references, as security screening is part of the recruitment process.
- ✓ Permanent EU citizenship and passport are required. Candidates holding an EU (work) visa or dual nationality (EU and non-EU) are not eligible due to project-specific security requirements.

What we offer

[What do we Offer.](#)

Reference: 3416

Projectphase: Engineering

Discipline: Marine, Structural

Position: Architect, Engineer

Function level: Senior, Medior

Region: (NL) Zeeland

Education: Master, Bachelor

Experience: 3-8 years, 8-15 years, 15+ years

Type of contract: Intentional

Posted at: 14-01-2025

Advisor: Vincent ten Have

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