



Structural Design Engineer – Senior (m/f)

About the Role

We are looking for a Senior Structural Design Engineer responsible for the development of 3D structural models, drawings, and production documentation for ship hull structures, in accordance with project documentation, classification rules, and internal quality standards. The role requires advanced 3D modelling expertise and close collaboration within multidisciplinary marine engineering projects.

Key Responsibilities

- Develop 3D structural models and 2D drawings of ship hull structures based on engineering input documentation, primarily using 3DEXPERIENCE.
- Prepare workshop and production documentation, including plate and profile nesting, profile sketches, part lists, panel drawings, plate bending data, and assembly documentation.
- Ensure compliance with company procedures and Quality Management System requirements.
- Maintain effective communication with project stakeholders and support coordination across engineering disciplines.
- Contribute to improvements in technical solutions and engineering workflows.

Qualifications & Skills

- Bachelor's or master's degree in Naval Architecture, Mechanical Engineering, or equivalent industry experience.
- Minimum 5 years of experience in ship structural design, preferably within the cruise ship industry.
- Advanced proficiency in 3DEXPERIENCE; basic knowledge of AutoCAD and Rhinoceros.

- Familiarity with additional shipbuilding tools (e.g. AVEVA Marine, CADMATIC Hull, ShipConstructor) and nesting software (e.g. SigmaNEST, Alma, AVEVA Marine Plate Nesting) is an advantage.
- Good knowledge of MS Office.
- Fluent English; German is considered an advantage.
- Strong communication, organization, and teamwork skills, with a proactive and solution-oriented mindset.
- Willingness to travel internationally occasionally, depending on project needs.

What We Offer

- Senior engineering role with clear technical responsibility.
- Participation in international, high-complexity marine projects.
- Growth and development opportunities.
- Competitive compensation package aligned with experience.
- Full coverage of travel costs, accommodation, and insurance for assignments abroad.
- Structured work-life balance framework.
- Additional benefits supporting employee well-being, including enhanced health insurance and extended leave entitlements.