



Senior Naval Architect

Key Responsibilities:

- **Technical Execution:** Driving complex projects from conception to completion using engineering knowledge & experience.
- **Communication:** Interfacing with clients, staff, stakeholders and vendors.
- **Mentorship:** Guiding junior and intermediate engineers to improve team capability.
- **Problem Solving:** Addressing technical challenges and mitigating risks.
- **Technical Impact:** Aligning technical decisions with company goals and budgets (tracking time, cost & progress).
- **Design Review:** Regularly review design progress with Project Personnel & report on same.
- **Verification:** Ensure all technical engineering is conducted, checked & verified to the required standards.

Interpersonal Skills:

- **Stakeholder engagement:** Demonstrate the ability to assess and adapt communication approaches based on the audience's technical understanding, objectives, and perspectives.
- **Communication skills:** able to produce well-structured engineering reports and technical documentation, clearly communicate ideas and findings, presentation skills.
- **Problem solving:** be able to apply naval architecture principles and engineering judgement, using both first principles and software where required.
- **Project management:** capable of organising and prioritising workloads, able to allocate tasks and coordinate teams to ensure effective and timely delivery of work.
- **Adaptability:** be comfortable working across a wide variety of project types and scales, be able to react quickly to new developments within existing projects or new enquiries.
- **Professional development:** be committed to professional development and, where applicable, progress towards Chartered Engineer status.
- **Client focus:** understand the importance of developing and maintaining good client relationships and represent the company professionally.



Key tasks:

- Oversee & review seafastening design and verification for vessel mobilisations and offshore operations, ensuring compliance with relevant codes, class requirements and project-specific criteria.
- Oversee & carry out the structural design and analysis of marine and offshore structures and equipment, applying FEA techniques and hand calculations in accordance with applicable standards.
- Provide on-site engineering support during vessel mobilisations and equipment installation, including attendance at fabrication facilities, shipyards and offshore locations as required.
- Prepare costs and proposals in support of project bids, including scope definition, deliverables, timeframes and cost time resource.
- Carry out checking and quality control on detailed drawings and engineering reports.
- Complete on-site surveys, including photos, hand measurements and 3D scans, and process the data for clash checks and design assistance.
- Oversee and take responsibility for engineering calculations, technical reports, and procedural documentation.

Requirements

Essential:

- Degree in Naval Architecture or another related engineering discipline.
- 5 + Years experience within the offshore sector, with a focus on structural engineering, particularly offshore equipment and seafastening design & verification.
- Experience with class rules for offshore and vessel engineering.
- Experience using FEA software for structural design and verification.
- Right to work in the UK.

Desirable:

- Chartered engineer (or working towards it) with RINA, IMarEST, or equivalent.
- Experience with design software such as AutoCad, FEA and Rhino3D.
- Knowledge of marine sections such as offshore wind.

HSEQ:


- Comply with company health, safety, environmental, and quality procedures.
- Adhere to processes and controls established to safeguard health, safety, and welfare.
- Report all incidents, near-misses, hazards, and unsafe conditions promptly.




- Participate in HSEQ training and awareness programs as required.
- Use equipment, tools, and materials responsibly and in accordance with instructions.
- Cooperate with audits, inspections, and investigations to improve HSEQ performance.
- Take reasonable care for own health and safety and that of others who may be affected by your actions.
- Promote a positive HSEQ culture by following best practices and encouraging colleagues to do the same.

What we offer:

- ✓ A collaborative and professional working environment
- ✓ Opportunities to work on diverse and interesting projects
- ✓ Opportunities to support projects to conclusion at our in-house quayside manufacturing facility
- ✓ Competitive salary and benefits
- ✓ Career development within a growing organisation

 Location: Aberdeen

 To apply or find out more, please contact: careers@voe-marine.com

Know someone who'd be a great fit? Please share!

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#EngineeringJobs