

NAVAL ARCHITECT / NAVAL ENGINEER

Reference : CH_JOB_26_06_NA_NE
Publication Date: 2026-06-08
Contract : Full-time, on-site
Location : Valencia, Spain
Start Date : Q3 2026
Experience Level: 5+ years
Education : MSc or PhD
Apply to : jobs@caponnetto-hueber.com

ABOUT CAPONNETTO HUEBER

Caponnetto Hueber (CH) is a leading engineering and innovation firm specializing in high-performance hydrodynamics, foiling technologies, and smart maritime systems. Acting as both a scientific laboratory and an engineering consultancy, CH delivers advanced engineering services and performance-driven design solutions for yachts, ships, and autonomous vehicles, from concept development to prototype validation.

Based in the Marina of Valencia, Spain, CH combines a rigorous scientific approach with state-of-the-art CFD, optimization, and simulation tools. The company supports clients across the nautical and maritime sectors with advanced expertise in naval architecture, propulsion systems, energy efficiency, fluid dynamics and performance prediction, with a strong focus on innovation, performance, efficiency, and sustainability.

CH has participated in the last six consecutive America's Cup campaigns, contributing to victories in 2010 and 2013, and collaborates with top-tier shipyards, design offices, and marine innovators worldwide. Its work spans from high-performance foiling yachts to wind-assisted ships, and from racing sailing yachts to autonomous marine vehicles, shaping the future of marine design through innovation and applied research.

Main Services:

- Hydrodynamics and Computational Fluid Dynamics (CFD)
- Naval architecture, including hull, appendage, and hydrofoil design
- Naval engineering, prototyping and testing
- Propulsion, energy-saving devices and energy-harvesting systems design and optimization
- Simulation and Performance Predictions for sailing yachts, wind assisted ships, motor yachts and autonomous marine vehicles

Main R&D activities:

- High-efficiency hydrodynamic concepts for yachts, ships, and USVs (including hydrofoils)
- Wind Propulsion Technologies: performance and emissions prediction methods and tools
- AI-assisted design, simulation and performance prediction tools
- Smart and autonomous vessel systems

Caponnetto Hueber is expanding and looking to integrate motivated, committed professionals eager to work in a competitive, high-tech, and impactful international environment.

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THE ROLE

Description:

We are looking for a **Naval Architect / Naval Engineer** to join our technical team and contribute to the development, design, engineering, and delivery of advanced yacht and marine projects.

This position is focused on **naval architecture, whole-vessel engineering, systems integration, technical design, and project execution**. The successful candidate will contribute to projects from concept and feasibility through detailed engineering, production documentation, construction follow-up, commissioning, and sea trials.

Depending on experience, the position may involve either supporting senior naval architects and engineers on technical development, CAD, drawings, and documentation, or coordinating some projects or work packages, suppliers, consultants, and shipyard interfaces.

Key Responsibilities:

- Contribute to the development and engineering of yacht and marine projects from concept through detailed design, production, commissioning, and validation
- Prepare, review, and update 3D models, technical drawings, layouts, specifications, and production documentation
- Support whole-vessel integration, including propulsion systems, mechanical systems, structures, equipment, and onboard systems
- Support feasibility studies, technical design decisions, and engineering development in collaboration with the Technical Director, naval architects, and engineering teams
- Coordinate technical inputs from suppliers, consultants, subcontractors, and shipyards, depending on project scope and seniority
- Follow construction, production, commissioning, and sea-trial activities from a design-office or engineering perspective
- Participate in sea trials and on-water testing to validate designs, identify improvements, and support final tuning and delivery

CANDIDATE PROFILE

Background:

- **Naval Architect, Naval Engineer, Marine Engineer, Yacht Designer**, or equivalent, holding an MSc or PhD in Naval Architecture, Marine Engineering, Maritime Engineering, Yacht Design, Yacht and Powercraft Design, or a closely related field

Experience:

- **Minimum 5 years of professional experience in naval architecture, naval engineering**, yacht design, or advanced marine projects
- Experience with **yachts, power yachts, high-performance vessels, foiling craft, autonomous marine vehicles, or other advanced marine projects**
- Hands-on experience with 3D modelling, technical design, engineering documentation, and project development
- Experience with construction follow-up, commissioning, sea trials, or shipyard interaction is a strong advantage

Technical Requirements:

- Strong understanding of **naval architecture and marine engineering principles**

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- Proficiency with **3D CAD tools**, such as Rhinoceros, Siemens NX, or equivalent
- Ability to prepare and review **technical drawings, layouts, specifications, and production documentation**
- Experience with **systems integration**, including propulsion, mechanical systems, structures, and onboard equipment
- Ability to work across design, engineering, production, and validation phases

Additional Valuable Skills:

- Experience with **foiling yachts, power catamarans, power yachts, or high-performance craft**
- Experience with **propulsion systems and mechanical systems integration**
- Familiarity with advanced composite vessels and lightweight construction
- Familiarity with metallic structures and construction methods
- Knowledge of classification rules, certification processes, or shipyard requirements
- Experience with project coordination, supplier follow-up, or technical package management
- Academic background from yacht design, high-performance craft, or powercraft-focused programmes is a strong plus

Other Requirements:

- Fluent English (working language)
- Italian, French or Spanish fluency is a plus
- EU residency or valid EU work permit (Visa sponsorship may be considered for exceptional candidates)
- Willingness to relocate to Valencia, Spain
- Proactive, organized, rigorous, autonomous, and flexible
- Open-minded with the ability to adapt and innovate
- Passion for technology, yachts, the ocean, and water-based activities

CH values candidates who want to contribute to advanced marine projects by combining naval architecture, practical engineering, systems integration, and real-world validation.

HOW TO APPLY

If you would like to be part of an international team aiming to lead innovation, technology development, and the transformation of the nautical and maritime industries toward more efficient, cleaner, and more sustainable solutions, please contact us at jobs@caponnetto-hueber.com using the offer reference in the email subject and include your **CV and references in English**.