



Job Overview:

We are seeking a highly skilled and experienced Senior Naval Architect with 5-8 years experience to join our dynamic engineering team in Hamilton, Ontario. This position is a key role in leading and managing various aspects of marine engineering projects from conceptual design to construction and delivery. You will utilize your expertise in naval architecture to develop solutions while ensuring compliance with regulatory standards and client requirements. This position will work closely with the commercial team to coordinate and help organize project flows and help with the delivery of design and engineering projects.

Responsibilities:

- Lead and manage the engineering team providing technical guidance and mentorship to Junior Naval Architects within the team.
- Develop scopes definitions for projects.
- Communicate and collaborate effectively and be collaborative with the team and project stakeholders.
- Ability to review and perform detailed calculations, simulations, and engineering analyses to assess and validate design concepts and specifications.
- Conduct feasibility studies, conceptual design, and preliminary analysis to evaluate design options to propose optimal solutions.
- Utilize advance software tools and simulation techniques to model, analyze and optimize vessel performance, stability and structural integrity.
- Be able to liaise with clients, flag state regulators, classification societies and shipyards to ensure compliance with industry standards, regulations and project specifications.
- Participate in design reviews, technical meetings, and project presentations.



Duties to the Company:

- Deliver projects in a timely manner.
Support the client with their project to the best of their ability.
- Be a strong team player that can help themselves and their teammates achieve success within a project.
- Help be part of the growth of the company and represent BYD Naval Architects by conducting themselves professionally.
- Be continually looking to improve their knowledge and sharpen their skills.

Requirements:

- Bachelor of Engineering in Naval Architecture
- Master of Engineering in Naval Architecture
- 5-8 years experience
- Professional Engineer (P. Eng)

Mandatory Software Skills:

- AutoCAD
- Rhino
- Autodesk PDM Collection including Recap, Inventor, Nastran
- Microsoft Suite
- Maxsurf and GHS



Benefits:

- Competitive Salary commensurate with experience
- Health and wellness benefits package
- Support for professional development and career advancement
- Dynamic and collaborative work environment

Join Our Team:

If you are passionate about the marine industry and are an experienced Naval Architect looking to take on a new challenge, then we encourage you to apply for this exciting opportunity to join a growing company by emailing your resume to info@byd-na.com. This is not a remote position and will require in-office hours at our Stoney Creek office. BYD Naval Architects is an equal opportunities employer.