



Structural/Outfitting Design Engineer

Job Type: Permanent, Full time; Available Immediately

Remuneration: Based on Experience; Benefit Package Available

Job Description and Key Responsibilities:

Platinum Marine is looking for an individual to develop 2d and 3d designs and drawings primarily related to structural/outfitting and fabrication work in aluminum and fiberglass among other materials. The person filling this role will work primarily with Project Managers, Systems Manager, Fabrication Manager Support, with primary accountability and reporting to the Senior Project Manager.

- Develop conceptual and manufacturing 2d system structural, outfitting drawings, etc.
- Develop conceptual and manufacturing 3d modelling for structural/outfitting based on 2d drawings and design and fabrication needs.
- Review, edit, and update 2d and 3d drawings and designs based on stakeholders' feedback
- Develop material specifications and bills of materials in accordance with Platinum Marine material strategies, customer requirements and specifications
- Develop conceptual structural design acc. To classification rules and run structural analysis. If necessary, manual structural calculation will be carried out acc. To classification rules.
- Work with vendors, consultants, and other outside parties to specify appropriate materials and components to all systems, based on cost, availability, quality, fit for purpose and other factors.
- Work with production managers and workers to support fabrication and/or installation of systems.
- Consult with and include production resources in all designs to gain buy in and encourage collaboration between design and execution resources.
- Collaborate with design team and management to create a team environment.
- Work with a goal driven focus on all tasks. Focus on achieving desired scope within agreed upon timelines.

Qualifications:

The candidate will have excellent organizational, communication, problem-solving and time management skills. Experience with AutoCAD and Rhino is required and min. 2 year work experience is preferred. Project management experience would be considered an asset.

Education/Training:

- Degree, diploma or equivalent level experience in naval architecture, marine engineering, mechanical engineering, or systems engineering
- Several years of experience using AutoCAD or Rhino similar software
- Proficient in Microsoft Office applications such as Outlook, Word, Excel

Working Conditions

Reporting to the Senior Project Manager, the candidate's time will primarily be spent in an office environment with visits to the work shop several times per day. Typical business hours are 7:00am – 3:30pm Monday to Friday. Office dress code is casual. Travel may be required from time to time.

Company Description:

Platinum Marine is the largest full service yacht refit and repair facility in Western Canada servicing boats over 60'. The shipyard and head office is located on Mitchell Island, Richmond (a suburb of Vancouver). With over 100 employees the company focuses on large refit and transformational projects. At any given time, Platinum has multiple large size projects on the go. Customers come primarily from Canada and the USA but the company is known globally and the clientele reflect this.

Platinum's management and professional staff are vastly experienced. Our workforce is highly trained and diverse. Top management include people from Canada, the USA, New Zealand, Australia, Turkey, and England. Positions include naval architects, designers, shipwrights, engineers and specialized journeymen.

Our corporate culture values innovation, efficiency, and forward thinking. We support our employees' passion for boat building with best practices so that we have highly trained, motivated employees who feel they are an important part of the end product.

Platinum Marine's sister companies include Crescent Yachts, CCYMarine, Milltown Marine Services, WrapBoats.ca, Tactical Custom Boats

If you feel this position meets your skills, experience, personal attributes, and you are ready for an exciting career working with luxury yachts, then we want to hear from you! Please apply by submitting your resume to hr@platinummarine.ca. Applicants must be legally entitled to work in Canada.

We appreciate the interest of all applicants, however, only those selected for an interview will be contacted.

Platinum Marine (2010) Ltd.
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