

Job Title: Project Engineer

Position Summary: Metal Shark is a fast growing company and is expanding its Engineering Department. We are looking for an experienced Project Engineer to become a part of Engineering's management team. The Project Engineer will report directly to Metal Shark's Senior Manager of Engineering. He or she will be responsible for up to 3 vessel designs at a time. Vessel designs can and will vary greatly, from a 40' high speed interceptor to a 150' passenger ferry, for example. They will oversee the engineering and design phase of the project, managing a diverse team of both internal and external multi-discipline engineers and designers. As such, they will be required to coach, mentor and develop junior team members into becoming subject matter experts or future leadership within Metal Shark.

Qualifications/Experience:

- Bachelor's Degree in Naval Architecture, Marine Engineering, or similar
- A Minimum of 7 years in the marine industry, specifically in the design and/or production of vessels under 200'.
 - Working knowledge of designing for production
 - At least 3 years of Project Engineering or Project Management experience
- An understanding of all aspects of aluminum vessel design and construction:
 - Structures
 - Intact & damaged Stability
 - Familiarity with Classification Society rules (ABS, DNV, USCG, etc.)
 - Electrical Systems
 - Onboard systems including, but not limited to: propulsion machinery, piping, HVAC, hydraulics, etc.
 - Aluminum fabrication
 - Skills geared towards engineering and design for production
- Familiarity with the following software
 - AutoCAD
 - Microsoft Office (Word, Excel, Project, Outlook)
 - Rhino
 - GHS
 - Solidworks and ShipConstructor preferred

Responsibilities:

- Oversee vessel engineering from contract through functional design
- Develop, schedule, maintain and manage the engineering and design phase of assigned projects for both in house and third party designs.
- Manage, coordinate, and assign appropriate resources to project tasks.
- Track all issues that arise and report the status of projects to senior leadership and the Planning Department.
- Develop the technical portions of change orders: pricing materials and working with production to estimate labor required.
- Support the Planning Department in developing a build strategy for projects.
- Support Production Engineering as needed throughout the production of projects.

- Participate in Process Development efforts, especially in regards to project planning and work flow.
- Review all engineering deliverables for quality, approving them for production.
- Develop and maintain a project design budget and schedule.
- Develop 2-D General Arrangements
- Specify primary and secondary machinery.
- Manage class submittals to USCG, ABS, and other regulatory bodies.

About Us: Metal Shark is a leading shipbuilder specializing in the design and production of boats and ships for military, law enforcement, fire rescue, and a wide spectrum of commercial applications. At its facilities in Franklin and Jeanerette, Louisiana, Metal Shark manufactures vessels in aluminum, steel, and fiberglass, with current capabilities supporting production for vessels up to 250' in length