

Coastwise Corporation, a small naval architecture/marine engineering firm, has an opening for a **Naval Architect/Marine Engineer**. Our firm provides high caliber, personalized marine design services and we are looking for a new team member. We are willing to consider candidates with a wide range of professional experience, for roles from production engineer to principal partner.

The Naval Architect/Marine Engineer is responsible for performing all variety of tasks as necessary to successfully and efficiently design, build, and modify marine vessels. Primary tasks are: stability, structure, and vessel design. Assigned tasks may include: drafting, weight estimates, intact and damaged stability calculations, regulatory rules research, hull form design, resistance calculations, propulsion, vessel structure design, and limited design of piping systems. Applicant may also oversee construction of vessels and provide vessel construction support and port engineering services.

Salary depends on experience and is commensurate with US standard engineering wages.

Initial training/onboarding will occur in Anchorage, with the potential for hybrid work options. Hybrid workers are required to work part-time and travel in Alaska, which means that residency with proximity to Alaska (Pacific Northwest region) is desired.

Education

- Bachelor of Science in Naval Architecture or Marine Engineering; or,
- Bachelor's degree in Civil, Mechanical or Electrical Engineering with additional technical marine experience.

Qualifications

Minimum Experience:

- Fundamentals in Engineering (FE) completed and passed.
- PE license or demonstrated track towards PE.
- Proficiency in AutoCAD, Rhino and Office 365. Familiarity with GHS, finite element analysis, and computation fluid dynamics.
- Candidate must have strong ability to multi-task and juggle multiple project deadlines concurrently.
- U.S. citizenship.
- Candidate must pass a background check and drug screening.

Desired Characteristics:

- Experience with other marine engineering software such as NavCad, Orca3D, Strand 7, Pipeflo, etc. is highly desirable.
- Strong attention to quality, organization skills, computing, and presentation skills.
- Possess excellent oral and written communication skills.
- Strong work ethic, self-motivated, and able to work with a team dynamic.

Special Requirements:

- Occasionally the Naval Architect/Marine Engineer must travel and conduct field work on a variety of vessels. This position requires the ability to travel and work in Alaska under rigorous environmental conditions. The Naval Architect/Marine Engineer must be physically able to lift 40 lbs., open watertight hatches, climb twenty-foot ladders, climb through 18"x24" manholes and inspect all spaces inside and outside of a vessel.

About Coastwise Corporation

Coastwise Corporation is a small privately owned vessel design and engineering firm serving the Alaska maritime industry since 1994. Our design and engineering projects include passenger vessels, landing crafts, articulated tug and barge (ATB), research and fishing vessels. Coastwise also provides marine planning services; assists clients with vessel purchase including specification writing and development; provides shipyard representation during vessel overhauls and construction; vessel structural modification, stability, computer design, and lofting services. See more about our services and projects at www.coastwise.com.

If interested submit your resume to anna@coastwise.com. No response will be given to candidates who do not meet the minimum qualifications.