

Professional Summary

Results-driven EN10-level Engineering professional with 15+ years of experience in ship design and piping engineering, leveraging expertise in Naval Architecture and AutoCAD to drive innovative solutions in the shipbuilding industry. Proven track record of successfully leading cross-functional teams and delivering high-profile projects on time and within budget.

Professional Experience

Senior Ship Design & Piping Engineer

Inazuma.co | January 2018 - Present

Lead Piping Engineer

Oceanic Builders Inc. | June 2015 - December 2017

Key Achievements:

- Successfully designed and implemented a novel piping system, reducing material costs by 25% and increasing efficiency by 30%.
- Mentored junior engineers, resulting in a 40% increase in team productivity.

Responsibilities:

- Designed and developed piping systems for various ship types
- Collaborated with project managers to ensure timely project delivery

Senior Naval Architect

MarineTech Solutions | March 2012 - May 2015

Key Achievements:

- Led the design team for a high-profile cruise ship project, resulting in a 20% increase in client satisfaction.
- Developed and implemented a new design process, reducing project timelines by 15%.

Responsibilities:

- Oversaw the design and development of naval vessels
- Conducted stability and structural analyses for ship designs

Piping Engineer

Seaforth Engineering | August 2009 - February 2012

Key Achievements:

- Designed and installed piping systems for a series of offshore platforms, resulting in a 10% reduction in project costs.
- Collaborated with the QA team to develop and implement a new inspection process, reducing defects by 25%.

Responsibilities:

- Designed and developed piping systems for offshore platforms
- Assisted in the installation and testing of piping systems

Education

Master of Science in Naval Architecture and Marine Engineering

University of Michigan | May 2009

Relevant Coursework:

- Ship Design and Construction
- Marine Engineering Systems
- Structural Analysis and Design

Technical Skills

Design and Engineering Tools:

- AutoCAD
- Naval Architecture software (e.g., NAPA, ShipConstructor)

Industry Knowledge:

- Shipbuilding and Repair
- Offshore Platform Design and Construction

Soft Skills:

- Leadership and Team Management
- Project Management
- Communication and Collaboration