

Aisha Patel

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SUMMARY

Dedicated Marine Engineer with over 5 years of experience in ship design and repair, specializing in propulsion systems and energy efficiency. Proven track record of enhancing operational performance and reducing costs through innovative engineering solutions.

EXPERIENCE

Marine Engineer

Jan 2022 - Present

Oceanic Engineering Solutions, Seattle, WA

- Led a team to redesign propulsion systems, resulting in a 15% increase in fuel efficiency for new vessels.
- Implemented a predictive maintenance program that reduced downtime by 25%, saving the company \$200,000 annually.
- Utilized CAD software (AutoCAD, SolidWorks) to create 3D models of ship components, improving design accuracy and collaboration.

Junior Marine Engineer

Jun 2018 - Dec 2021

Blue Wave Maritime, San Diego, CA

- Assisted in the development of energy-efficient hull designs, contributing to a 10% reduction in operational costs.
- Conducted thorough testing and analysis on marine engines, improving performance metrics by 20%.
- Coordinated with cross-functional teams to ensure compliance with environmental regulations, leading to successful audits.

Intern Marine Engineer

Jan 2018 - May 2018

Marine Innovations Corp., Houston, TX

- Supported senior engineers in conducting feasibility studies for new vessel projects.
- Gained hands-on experience in troubleshooting and repair of marine systems.
- Participated in design reviews and contributed to project documentation.

EDUCATION

Bachelor of Science in Marine Engineering

May 2018

University of Washington, Seattle, WA • GPA: 3.7

SKILLS

Technical Skills: Marine Propulsion Systems, Hydrodynamics, Energy Efficiency Analysis, Predictive Maintenance

Tools & Frameworks: AutoCAD, SolidWorks, MATLAB, ANSYS