



Jujhaar Singh

CONTACT

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SKILLS

- AutoCAD
- 3D Drawing
- Microsoft Excel
- ANSYS CFD
- Python Programming
- MATLAB Arduino
- Engineering Design
- Presentation Creation

PROFESSIONAL SUMMARY

Astute and determined Marine Engineer with a passion to design oceangoing vessel and offshore structures. Team-focused engineer with excellent technical writing and communication skills. Motivated, independent and a critical thinker. Experience in Merchant Vessels and Marine IT sector.

EDUCATION

Bachelor of Technology in Marine Engineering: Maritime Studies, 07/2018
Birla Institute of Technology and Science – Pilani, Rajasthan

- 2014-2018
- Graduated with Distinction with a CGPA of 9.23/10.
- Awarded Merit based Scholarship for academic excellence in 6 semesters.
- Completed Research and Publication on Diesel Electric Propulsion - Control, Comparative study and Electrical installations.
- Completed project work on Overview of Air Lubrication System for NYK vessel Aries Leader.
- Excellent grades in Naval Architecture, Advanced Naval Architecture, Ship Structure & Construction and Research project.
- Completed Standards of Training, Certification and Watchkeeping courses.

WORK HISTORY

Project Engineer 08/2021 – Current
Vertex Infosoft Pvt. Ltd. – Chandigarh, India

- Perform design and modelling tasks or projects for ship clients using software.
- Produce and enhance detailed drawings of ships and other maritime vessels using specialist computer software and drawings.
- Describe components of each marine machinery system and all the important aspects related to it.
- Gave presentations of completed work to managers.
- Prepared proposals, cost estimates, presentations and reports for new projects.

Marine Engineer 03/2018 – 08/2021
Maersk Line – Copenhagen, Denmark

- Conducted periodic rounds and inspections of machinery spaces.
- Supervised other engineers and crew members and trained for routine and emergency duties.
- Oversaw preventive and periodic maintenance of Air Compressors, Turbine Generators, Fuel Oil and Lube Oil Purifiers, Sewage Treatment Plant and Auxiliary Boilers.
- Experience of Dry Dock in Ningbo, China for vessel Maersk Horsburgh.
- Dismantled defective machines and equipment and installed new or

repaired parts.

- Maintained adherence to appropriate health and safety standards to protect crew members and reported promptly on issues of concern.
- Utilized best practices and troubleshooting techniques to resolve machinery issues.
- Implemented safety processes and procedures and made crew members aware of contingency plans for dangerous cargo spills.
- Researched in detail to determine root causes of issues and formulated improvements for preparing and conducting tasks.

INTEREST

- Football
- Trekking
- Listening Music