

MUHAMMAD AZEEM

Marine Technician

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Professional Summary

Experienced Marine Vessel Maintenance Technician with 6+ years of hands-on experience in marine engine repair and maintenance, including Volvo Penta and Yamaha outboards. Currently employed with Precision Skills International LLC (Oman), maintaining ambulance boats for the Ministry of Health. Expertise in diagnostics, preventive maintenance, overhauls, and emergency repairs. Known for technical proficiency, safety compliance, and operational excellence in both mechanical and electrical systems.

Professional Experience

- Precision Skills International LLC – Oman
- Marine Technician | April 2024 – Present
- Maintain Yamaha outboard motors (250 HP & 300 HP) on ambulance boats for the Ministry of Health
- Perform diagnostics, troubleshooting, overhauls, and servicing of engines and auxiliary systems
- Conduct fuel system, cooling system, and propeller shaft inspections
- Ensure compliance with Ministry of Health maritime safety standards
- Pakistan Navy – Pakistan
- Marine Technician | March 2019 – July 2023
- PNS KARSAZ – Small Boats & Workshop Maintenance | Oct 2020 – July 2023
- Conducted maintenance, troubleshooting, and overhauls of Yamaha, Suzuki, Honda, and Yanmar marine engines.
- Maintained auxiliary systems including diesel generators, refrigeration units, AC systems, and fresh water plants.
- Carried out daily inspections and routine servicing to ensure boats were operationally ready.
- Diagnosed mechanical and electrical faults using technical manuals and diagnostic tools.
- Maintained detailed service logs and technical reports.
- Complied with safety procedures during engine repair and workshop operations.
- PNS ZULFIQUAR (F-22P Frigate) – Shipboard Machinery Operations | Mar 2019 – Oct 2020

- Operated and maintained Volvo Penta MST 620 boat engines and ship auxiliary systems.
 - Supported engine room activities and machinery operations under naval engineering standards.
 - Maintained high-pressure compressors, desalination units, and chilled water systems.
 - Participated in vessel readiness operations and onboard maintenance drills.
 - Ensured preventive and corrective maintenance of critical systems for operational readiness.
- Fire Fighting and Damage Control Responsibilities
 - Trained in onboard firefighting techniques, damage control drills, and emergency response.
 - Operated fire suppression systems, boundary cooling systems, and emergency fuel shut-offs.
 - Conducted safety checks and readiness inspections on all firefighting and PPE equipment.
 - Participated in containment of onboard fire incidents and flood control during damage scenarios.

Certification

- Personal Survival Techniques
- Fire Prevention and Fire Fighting
- Elementary First Aid
- Personal Safety and Social Responsibilities

Education

- DAE Mechanical – 2019–2022
- Intermediate (Pre-Engineering) – 2020–2021

Skills

- Marine Engine Maintenance (Yamaha, Volvo, Suzuki, Honda)
- Damage Control & Firefighting Systems
- Preventive & Corrective Maintenance
- Mechanical Overhauls & Diagnostics
- Auxiliary Equipment Operation (Compressors, Boilers, Chillers)
- Technical Reporting & Compliance
- First Aid and Safety Procedures
- Leadership and Team Collaboration

Languages

- Urdu (Native)
- English (Fluent)