

DANIEL JEREMIAH JESUYON

Mechanical Engineer | Heavy Duty Equipment Specialist | Mechanical Fitter | Mechanical Technician.

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PROFESSIONAL SUMMARY

Trade-qualified Mechanical Fitter / Fitter (General) with over 7 years of experience in heavy equipment maintenance, port terminal operations, and maritime mechanical systems. Proven expertise in preventive maintenance, hydraulic and pneumatic systems, rotating equipment, cranes, pumps, and mechanical fault diagnostics.

Extensive hands-on experience with OEM equipment (Liebherr, Caterpillar, Volvo, Kalmar, Cummins engines, Konecranes, JCB construction equipment) and advanced diagnostic systems.

Successfully completed a Skills Assessment for Fitter (General) – ANZSCO 323211 through the Offshore Skills Assessment Program (OSAP) issued on behalf of Trades Recognition Australia, confirming competency to work at Australian trade level.

Experienced working in high-safety environments with strict adherence to Australian WHS standards, lockout-tagout procedures, and maintenance reliability programs. Currently working in shipboard mechanical operations in Australia.

CORE SKILLS

Mechanical Fitting & Assembly | Preventive Maintenance (PM) & Corrective Maintenance | Hydraulic Systems & Pneumatic Systems | Rotating Equipment Maintenance | Crane Maintenance (RTG, STS, Reach Stackers & Forklift) & Engine's Overhaul | Gearboxes, Bearings & Shaft Alignment | Pump, Valve & Pipeline Maintenance | Mechanical Fault Finding & Root Cause Analysis | Precision Measurement (Micrometers, Vernier Calipers) | Blueprint & Technical Drawing Interpretation | Shutdown Maintenance & Reliability Programs | Lathe, Milling, Drilling & Grinding Operations | Welding & Fabrication | Crane Hoist Wire Rope Replacement & Calibration | Maintenance Reporting & CMMS Systems (ENVISION) | Lockout Tagout (LOTO) & Isolation Procedures | Workplace Health and Safety (WHS) Compliance

AUSTRALIAN TRADE QUALIFICATION

Occupation: Fitter (General) – ANZSCO 323211

Assessing Authority: Trades Recognition Australia

Program: Offshore Skills Assessment Program (OSAP)

Assessment Outcome: Successful

TRA Number: TRA26/777561088

PROFESSIONAL EXPERIENCE

Fitter Mechanic.

Carnival Cruise Line – Sydney, NSW, Australia

Oct 2024 – Present

Duties

- Perform preventive and corrective maintenance on shipboard mechanical systems including pumps, valves, hydraulic systems, and rotating machinery.
- Diagnose faults in engines and auxiliary equipment using precision measuring tools and engineering diagnostics.
- Conduct alignment, levelling, and mechanical testing to ensure system efficiency and operational safety.
- Repair or replace worn mechanical components to maintain equipment reliability.
- Participate in planned maintenance programs to minimise downtime and ensure vessel operational readiness.
- Follow maritime safety standards and Australian WHS procedures.
- Collaborate with marine engineers to support system upgrades and maintenance improvements.

Mechanic – Container Terminal Equipment

Lekki Freeport Terminal – Lagos, Nigeria

Sept 2022 – 2024

Duties

- Maintained ship-to-shore cranes (STS), rubber-tyred gantry cranes (RTG), reach stackers, terminal tractors & Forklift. Engines Overhaul,
- Performed preventive inspections, troubleshooting, and mechanical repairs on crane mechanical systems.
- Conducted testing and analysis of mechanical components to determine performance issues.
- Replaced damaged hoist wire ropes and calibrated lifting systems.
- Completed maintenance reports and documentation for equipment history and reliability tracking.
- Responded to emergency breakdowns ensuring minimal operational downtime.

- Maintained compliance with occupational health and safety regulations.

Mechanical Technician

SIFAX Port and Cargo Handling Limited – Lagos, Nigeria Aug 2020 – Aug 2022

Duties

- Conducted routine preventive maintenance and mechanical repairs on container handling equipment.
- Performed pre-operational inspections and equipment diagnostics on RTG cranes.
- Installed, calibrated, and replaced crane mechanical components.
- Diagnosed mechanical faults and implemented corrective solutions to maintain operational efficiency.
- Prepared maintenance close-out reports and equipment performance records.

Technical Intern.

SIFAX Port & Cargo Handling Ltd – Lagos, Nigeria Jan 2020 – Jun 2020

Duties

- Supported diagnostics of electrical, hydraulic, and mechanical systems.
- Assisted in equipment calibration and preventive maintenance scheduling.

Engineering Internships (Mechanical / Fitting)

Mechanical Fitting Intern

Continental Shipyard – Lagos, Nigeria Nov 2019 – Jan 2020

Duties

- Conducted welding, fabrication, and machining operations.
- Operated lathe, milling, drilling, and grinding machines.
- Produced machined components including gears, bolts, and mechanical fittings.

EDUCATION

Bachelor of Engineering (Mechanical Engineering)

Lagos State University – Nigeria

Sept 2015 – Oct 2021

Certificate III in Engineering – Mechanical Trade

PROFESSIONAL MEMBERSHIPS

- Member – Nigerian Society of Engineers
- Member – Nigerian Institution of Mechanical Engineers
- Member – International Association of Engineers
- Member – Society of Petroleum Engineers

CERTIFICATIONS

- Project Management Foundations – PMI
- Actuation Systems in Mechatronics
- Diploma in Automated Manufacturing

SOFTWARE & TECHNICAL SYSTEMS

- TIA Portal V16 & V17
- ENVISION CMMS
- Microsoft Office Suite
- AutoCAD
- Semantic Manager

REFERENCES

Available upon request