

DANIEL MWANGIRU MWANGI

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Bio Data

Date of Birth: 20th August 1996

Gender: Male

Nationality: Kenyan

Languages: Kiswahili and English (Fluent), Korean (Basic)

Personal Profile and Career Objective

A goal-oriented and enthusiastic marine engineer with comprehensive experience in engine room maintenance, ship operations, and oil and gas depot operations. Proficient in handling marine and diesel engine repairs, boiler operations, and various ship systems. Adept at working under pressure, demonstrating strong problem-solving capabilities and excellent technical knowledge ensuring smooth and efficient ship operations. Has great interpersonal abilities, and a strong commitment to safety and environmental regulations.

Education

2014- 2019	JOMO KENYATTA UNIVERSITY OF AGRICULTURE AND TECHNOLOGY Second Class Upper Honors BSc. Marine Engineering
2009 – 2012	Kenya Certificate of Secondary Education Attained: Grade A (81 Points) Murang’a High School
2006- 2008	Kenya Certificate of Primary Education Score: 384/500 Marks (A-) St Augustine’s Preparatory School

Certifications

Certifications:

- STCW III/1 Officer in Charge of an Engineering Watch (Third Engineer), Kenya.
- Basic Safety Training (STCW)
- Advanced Firefighting (STCW)
- Medical First Aid (STCW)
- Engine Room Resource Management (STCW)
- Proficiency in Survival Crafts and Rescue Boats. (PSCRB)

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- Marine high Voltage (STCW)
 - Security awareness training and (SAT) and Sea farers with Designated Security Duties (SDSD)
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Skills:

- Proficient in the maintenance and repair of marine engines and auxiliary equipment.
- Strong knowledge of international maritime regulations and safety standards.
- Excellent troubleshooting and problem-solving skills.
- Experience with maintenance management systems and software.
- Ability to work effectively in a multicultural team environment.
- Strong communication and interpersonal skills.
- Familiarity with pollution prevention and control measures.

Work Experience

JULY 2024- DATE PIONEER INTERNATIONAL UNIVERSITY.

POSITION: STCW TRAINER.

- Train Basic STCW courses.
- Facilitate in the setting up of the institution workshop and marine Lab
- Assist in review and updating of the emergency response procedures.
- Assist in the setting up of engine room rating (Reg: III/4, III/5) training program.

OCTOBER 2022 - NOV 2023 HANA Shipping.

Position: APPRENTICE ENGINEER

- Assisted in maintenance and repair of main and auxiliary engines, boilers, and ship machinery
- Monitored and maintained fuel and lubrication systems
- Assisted in troubleshooting mechanical and electrical issues
- Ensured compliance with maritime regulations and safety standards
- Maintained accurate records of maintenance activities

June 2021- Sept 2022 VIVO Energy (Shell Licensee')

Position: ASSISTANT SUPERVISOR- TANK FARM

Responsibilities (included but not limited to):

- Handling of bulk Fuel storage Tanks total capacity over 11,000m³.
- Monitoring and handling operations of trucks & Rail wagons at the offloading gantries.
- Ensure safe fuelling of locomotive engines.
- Collaborate with teams and departments within our company to ensure overall customer satisfaction.
- Doing daily Tanks reconciliations, investigating losses and gains and giving findings.
- Doing/Supervising daily Tank & Loading pump house line up.

- Support engineering works (e.g., tank and meter calibrations, installation of PRVs, sealing out product leaking points) to ensure they are properly and safely executed.
- Maintain clear and accurate documentation of all business and operations activities.
- Upholding equipment integrity in the section to eliminate delay in all tank farm operations.
- Weighing of trucks at the weighbridge office.
- Reviewing tanks ullage and product availability in transit to ensure nil stock outs.
- Ensure all HSSE standards are adhered to accordingly.
- Track the in-transit products.
- Prepare and organise data bases and daily stock update reports.
- Prepare frequent competence training lessons and train junior staff members in the department on the same.
- In liaison with the engineering team, conduct monthly High-Level Alarm tests for all bulk storage tanks in the depot.
- Fire fighting team leader in the department.

Jan 2021-Sept 2022 VIVO Energy (Shell Licensee')

Position: MAINTENANCE ENGINEER RELIEVER.

Responsibilities (include but not limited to):

- Handling Depot civil and structural, mechanical and electrical Breakdowns with a team of contractors.
- Fast tracking Maintenance related issues to ensure they are closed on time.
- Conducted daily equipment inspection.

September 2020 – June 2021 VIVO Energy (Shell Licensee')

Position: ASSISTANT SUPERVISOR- LPG PLANT

Responsibilities (include but not limited to):

- Conduct competence trainings for operatives.
- Receive LPOs from clients, generate system orders and invoices for dispatch of products to clients.
- Conduct daily equipment checks to ensure equipment are in good working condition.
- Carry out weekly toolbox meetings and pass important learnings as well as pick up feedback from the team members.
- Daily reviews of the Potential Incidents register and follow up with the action parties for their closure as well as giving them feedback.
- Ensure daily lpg cylinder filling, loading/ offloading operations are safely carried out according to the laid-out procedures and HSSE requirements.
- Maintain product tank levels to ensure they don't go beyond the minimum and maximum recommended levels.
- Ensure safe offloading of product from bridging truck to the storage tank.

Aug - Oct 2018 KENYA MARINE CONTRACTORS.

Position: Marine Engineering Attachee

Learnt and developed skills in:

- Workshop operations.
- Trouble shooting and handling marine and diesel engine Breakdowns
- General Maintenance
- Instrumentation and equipment calibration
- Bunkering operations.

Sept - Nov 2017 Kengen Upper Tana Station

Position: Engineering Attachee.

Gained the following skills from the hydropower plant.

- Control and instrumentation and use of the SCADA system.
- Maintenance of dam gates opening and closing systems.
- Maintenance of generator and pumping systems.
- Repair and maintenance of water turbine systems.

Awards and Achievements

- Attended National youth Service training from July- August 2015, where we underwent: paramilitary, physical fitness, command and control, life skills, firefighting and first aid trainings.
- Awarded HSSE Outstanding Personality of the Month at VIVO Energy Nanyuki Depot, that is November 2021. For exemplary performance and zeal shown in HSSE issues at the depot.
- Was lead Host of Harvest International Conference in Uganda (2018), bringing together over 2000 delegates from over 20 states.

PROFESSIONAL BODIES MEMBERSHIP

- Engineers Board of Kenya (EBK) - Graduate Member.
- Institution of Engineers of Kenya (IEK) - Graduate Member.

Volunteering Experience

- UN Volunteers- Blue Economy Champion November 2018. (Handling international delegates and offering crowd control to over 50,000 attending delegates)
- Share Upendo NGO – 2019- Date. (Mentor young and underprivileged students to work towards achieving their goals, and assist in raising school fees for the orphaned children).
- SAM Africa JKUAT Fellowship. (Founding chairperson, developed the organisation and leadership structure, organised children home visits and successful weekly fellowships.)

Referees

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