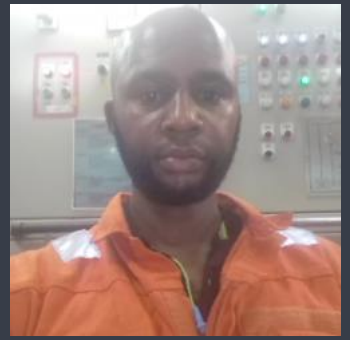


# Sakhile Simnikiwe

## Sihlahla

3rd Engineer



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[campaign=share\\_via&utm\\_content=](https://www.linkedin.com/in/sakhile-sihlahla-04578b178?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)

[profile&utm\\_medium=android\\_app](https://www.linkedin.com/in/sakhile-sihlahla-04578b178?utm_source=share&utm_campaign=share_via&utm_content=profile&utm_medium=android_app)

Detail-oriented, organized and meticulous employee. Works at fast pace to meet tight deadlines. Enthusiastic team player ready to contribute to company success. Methodical Marine Engineer offering well-organized style and safety-driven nature. Focused on boosting safety, reliability and performance to tackle changing needs. Produces and updates SOPs and enforces regulations to maintain compliance, efficiency and productivity. Successful at organizing the people and materials necessary to keep ship systems and propulsion working effectively. Adept at diverse tasks, including engine repair, parts lubrication and safety testing. Solid background of maintaining tidy and well-organized work areas and equipment for smooth inspections.



### Skills

COMPUTER LITERACY: I have excellent knowledge of the following programmes

SAP, Workday, Oracle, Lotus Notes, MS Office and Outlook

#### KEY SKILLS

I have excellent communication skills and can engage at all levels. I am a problem solver by nature with extensive experience in the engine room. I also have a proven track record as a leader, having held management roles onboard vessels.

Preventive Maintenance

Engine repair

Safety optimization

Parts replacement

Vessel inspection

Fault finding

Troubleshooting

Team player



## Work History

**Jul 2023 -  
Sep 2023**

### **3rd Engineer**

*Trans Hex Group Ltd*

- MV GOOD WIND
- MPSV/ SURVEY DP2
- 58m, 1680 GT, 4950 kW, Caterpillar 3500
- In charge of engineer watch, carrying out preventative maintenance and unforeseen maintenance of machinery
- Having in-depth understanding of onboard systems such as hydraulics, pneumatic, lube oil, fresh water, sludge, fuel oil, sea water, sewage systems.
- Doing maintenance on purifiers, compressors, generators, main engines and safety equipment
- Part take in emergency drills
- Ensuring engine room logbook is update.
- Conducted research to test and analyze feasibility, design, operation and performance of equipment, components, and systems.
- Carrying out planned maintenance from PMS

**Nov 2022 -  
Dec 2022**

### **2nd Engineer**

*Sea-Watch e.V*

- MV SEA-WATCH 5
- OSV NON-DP
- 54m, 1452 GT, 2982 kW
- Offshore Support Vessel
- In charge of engineer watch, carrying out preventative maintenance and unforeseen maintenance of machinery
- Having in-depth understanding of onboard systems such as hydraulics, pneumatic, lube oil, fresh water, sludge, fuel oil, sea water, sewage systems
- Doing maintenance on purifiers, compressors, generators main engines and safety equipment
- Part take in emergency drills
- Ensuring engine room logbook is update
- In charge of engineer watch, carrying out preventative maintenance and unforeseen maintenance of machinery.
- Having in-depth understanding of onboard systems such as hydraulics, pneumatic, lube oil, fresh water, sludge, fuel oil, sea water, sewage systems and electrical systems.
- Doing maintenance on purifiers, compressors, generators main engines and safety equipment.
- Part take in emergency drills.
- Ensuring engine room logbook is update.
- Ensure machinery is in a state of readiness and safe to operate.
- Ensure vessel adheres to port, flag state and environmental regulations.

**Apr 2014 - Dec 2021    First Marine Engineering Officer**

*TRANSNET DREDGING SERVICES, Durban*

- MV ILEMBE
- Trailing Suction Hopper Dredger, 109m, 6366GT, 3700kW Caterpillar C280 engines, Caterpillar C18 generators
- MV ISANDLWANA
- Trailing Suction Hopper Dredger, 92m, 4897GT, 3200kW Wartsila 8L200, Caterpillar C18 generators
- MV ITALENI
- Crane Grabber Dredger, 62m, 1792 GT, 2388 kW Caterpillar 3600, Caterpillar C18 generators
- Onboard management
- In charge of engineer watch and assigning daily jobs to engine room crew, carrying out preventative maintenance and unforeseen maintenance of machinery
- Having in-depth understanding of onboard systems such as hydraulics, pneumatic, lube oil, fresh water, sludge, fuel oil, sea water, sewage systems
- Doing maintenance on purifiers, compressors, generators main engines and safety equipment
- Part take in emergency drills coming up with drill scenarios in engine room
- Ensuring engine room logbook and oil record book is update
- Ensure vessel adheres to port and flag state and environmental regulations.

**Jan 2011 - Jan 2013    Marine Engineering Officer**

*TRANSNET DREDGING SERVICES*

- In charge of engineer watch and assigning daily jobs to engine room crew, carrying out preventative maintenance and unforeseen maintenance of machinery.
- Having in-depth understanding of onboard systems such as hydraulics, pneumatic, lube oil, fresh water, sludge, fuel oil, sea water, sewage systems.
- Doing maintenance on purifiers, compressors, generators main engines and safety equipment
- Part take in emergency drills coming up with drill scenarios in engine room.
- Ensuring engine room logbook and oil record book is update.




## **Education**

**Jan 2013 - Dec 2013    National Diploma: Marine Engineering Studies**


*Durban University of Technology - Durban*  
S3 and S4, Marine Engineering Studies

**Dec 2008 - Jun 2010    Marine Engineering**


*Cadetship Safmarine/ Maersk - World Wide*

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**Jan 2008 -  
Dec 2008**

**Marine Engineer Studies : Workshop Training**  
*Northlink College - Cape Town*
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**Jan 2007 -  
Dec 2007**

**National Diploma: S1 And S2**  
*Cape Peninsula University of Technology - Cape Town*  
*Marine Engineering Studies*
- 

**Jan 2000 -  
Apr 2004**

**Senior certificate**  
*Lawson Brown High School - Port Elizabeth, South Africa*

## Languages

-  English

## Certifications

- 

**Oct 2021**

[STCWIII/1] 2000093- [Oct 2026] SOUTH AFRICAN MARITIME AUTHORITY
- 

**Nov 2022**

[FEDERALREPUBLICOF GERMANY] BSH-2022-75-00[STCW III/1 Endorsement] - [Nov 2026]
- 

**Jan 2022**

[Seaman's Record Book] SRB-9016409-B- [Jan 2032]]
- 

**Feb 2023**

[Designated Security Duties] 23-02-DSD-47581 , STC-SOUTHERN AFRICA
- 

**Jan 2023**

[HUET OPITO with EBS] 89095095260123023, [STC-SOUTHERNAFRICA] - [Jan 2027]
- 

**Jun 2023**

[PERSONAL SURVIVAL TECHNIQUES] PST/2023/0386, Sea Certification South Africa (Pty) Ltd [ Jun 2028]
- 

**Jun 2023**

[PERSONAL SAFETY AND SOCIAL RESPONSIBILITY] PSSR/2023/0386,Sea Certification South Africa (Pty) Ltd [Jun 2028]
- 

**Sep 2019**

[ADVANCED FIRE FIGHTING] RFFA/058/2019, Grindrod Shipping Training Academy [Sep 2024]
- 

**Mar 2021**

[SURVIVAL CRAFT AND RESCUE BOATS OTHER THAN FAST RESCUE BOATS] RCISC/062/2021, Grindrod Shipping Training Academy [Mar 2026]
- 

**Jul 2022**

[MEDICAL FIRST AID INCL. ELEMENTARY FIRST AID] 22-07-MFA incl. EFA-37638, STC-SOUTHERN AFRICA [Jul 2027]
- 

**Sep 2015**

[SHIP SECURITY OFFICER] SSO/045/15, Unicorn Shipping Training Academy
- 

**Sep 2022**

[SEAFARER MEDICAL CERTIFICATE] ENG1-139664, South African Maritime Authority[Sep 2024]

## Additional Information

- Caterpillar Preventative Maintenance, Operation and Basic Troubleshooting on 3500/3600 series, C32 engines, C18, C9 and C4.4 generator sets certificate
- Caterpillar Maintenance and service C280/3600 diesel engines including C.A.T ET certificate
- PLC PROJECT DEVELOPMENT/ LOGICS PROGRAMMING Certificate
- PLC STRUCTURED TEXT/SFC PROGRAMMING Certificate
- PLC FUNCTION BLOCK PROGRAMMING Certificate



## REFERNCES

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