

ASIFOR TORITSEMUGBONE

35, Musari Street, Onosa Road, Ibeju-Lekki, Lagos State.

Mobile: +2348134220653; E-mail: gbonetoritse@gmail.com

PROFESSIONAL SUMMARY

- A skilled and results-oriented Process Engineer with a strong background in Optimizing and implementing manufacturing processes to improve efficiency, quality and safety.
 - Proven ability to collaborate cross-functionally with multidisciplinary teams to achieve project goals and deliver cost-effective solutions.
 - Adept at leveraging data-driven insights to enhance operational excellence and contribute to the overall success of the organization.
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EDUCATION

Lagos state University, Epe, Lagos state Nigeria
M.Sc Chemical Engineering (Distinction)

December 2022

University of Benin, Benin-City, Edo State, Nigeria
B.Eng Chemical Engineering (Second Class Upper)

July 2016

WORK EXPERIENCE

Dangote Petroleum Refinery and Petrochemical Company (DPRP).

Nov. 2019-Present

Position: Senior Process Engineer

Location: Lekki Free Trade Zone, Lagos State, Nigeria.

Responsibilities:

Member Pre-commissioning and Commissioning of Residual Fluidized Catalytic Cracking (RFCC) unit of the refinery plant which involves the following activities:

- System checking of structures in polypropylene unit (PPU) in RFCC unit.
- Format documentation / punchlisting of systems in RFCC unit.
- Systems familiarization and review as defined in P&ID's and process description.
- Planning and identifying available loops for flushing activities in RFCC unit.
- Flushing of lines of the various systems in RFCC unit.
- Inspection of columns and vessels in RFCC unit.
- Hydrotesting of the various exchangers RFCC unit.
- P&ID markup and stenciling of piping lines.
- Underground flushing of Closed Blowdown(CBD) loops.
- Uploading and sorting of Pre-commissioning & Commissioning Activities Management System (PCAMS) files.

Dangote Fertilizer Limited (DFL) (Secondment).

July 2020–April 2022

Position: Process Engineer

Location: Lekki Free Trade Zone, Lagos State, Nigeria.

Responsibilities:

Member Pre-commissioning, Commissioning, startup & Operations team in Ammonia train 1&2 which involved the following activities:

- Supervised the setting up of piping system for flushing purposes which include polish water (demineralized water) line flushing in train 2, AMDEA section flushing in train 1 and compressors surface condenser cleaning in train 1.

- Led the team for blasting of CO2 compressor section in train 2 and supervised the blowing and blasting of synthesis gas and refrigeration loop (Backend Section) in train 2, and the blowing of utility air, utility nitrogen line in train 2.
- Prepared equipment for pressure testing /carried out leak testing such as leak check of front-end section, blowdown system, and nitrogen blower in train 1.
- Carried out walk down & punch listing activity on system basis; which included single handedly carrying out a punch listing of front-end section in train 2, participated in punch listing of process air compressor, synthesis gas compressor and ammonia compressor in train 1, and in punch listing of ammonia recovery section.
- Participated in function / stroke test for FG system & NG feed line in train 1.
- Checked equipment installation to ensure it is standard compliance with P&ID.
- Systems familiarization and review as defined in P&ID's and process description.
- Involved in the day-to-day operational activities carried out in the plant.

Bharat Petroleum Corporation Limited (BPCL).

Dec. 2019–March 2020

Position: Dangote Refinery Engineer Trainee

Location: Bharat Bhavan, Ballard Estate, Mumbai, India.

Responsibilities:

- Worked with process engineers on a daily plant routine in FCCU and CCU and was exposed to real world situations.
- Studied the specifications of various types of valves, pumps, pipelines and tanks.
- Studied the plant's flow chart in order to learn more about the processes that take place in each section of FCCU/CCU.
- Improved my technical skills and teamwork abilities through problem-solving with other process engineers.

Community Service

May 2018 – Oct. 2019

Position: volunteer

Location: Warri, Delta State.

Responsibility:

- To teach students how to read in the community.

Ignite Africa Book club

July 2017 – April 2018

Position: volunteer

Location: Bonny Island, Rivers State.

Responsibility:

- To review books and teach students how to read.

Government Girls Sec. Sch, Finima (SNR) (NYSC).

May 2017 – April 2018

Position: Further Mathematics teacher **Location:**

New Road Bonny Island, Rivers State.

Responsibility:

- A class teacher that taught over 200 students' further mathematics in SS1.

Petroleum Training Institute (P.T.I), Warri

June 2015 - Nov. 2015

Position: Intern

Location: P.M.B 20, Effurun, Delta State, Nigeria.

Responsibility:

- To carry out chemical analysis and monitoring in the laboratory.

KEY SKILLS

- Excellent research skills
- Strong facilitation, team building, collaboration and problem-solving skills.
- Strong interpersonal, communication and negotiation skills with demonstrated ability to work within a team environment.
- Brilliant and strong analytical mind to learn quickly, identify issues, handle problems and proffer adequate solutions.
- Effective time management skills and ability to prioritize multiple tasks.
- Proficient computer skills and abilities with Microsoft office product (Excel, Word, Power point etc.)
- Knowledge on Aspen Hysys.
- Proficient in computer programming (Front-End Development)

CERTIFICATION

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| • Introduction to Front-End Development | June 2023 |
| • Programming with JavaScript | July 2023 |
| • HTML and CSS in depth | August 2023 |
| • Aspen certified user in Aspen Plus | November 2021 |
| • Aspen certified user in Aspen Hysys | October 2021 |
| • Process engineer CCU/FCCU Mumbai Refinery, India | March 2020 |
| • Health, Safety & Environment (HSE Level 1,2 &3) | April 2018 |