

# JERRY NWACHUKWU

## Engineering and Green Energy

Highly motivated Mechanical Engineering graduate with a strong focus on renewable energy and sustainability. Driven by a passion for addressing climate change and committed to making a positive impact in the field. Eager to leverage academic foundation to contribute meaningfully to the advancement of sustainable energy solutions.

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Huntemannstraße 2, 26131, Oldenburg, Germany.

## EXPERIENCE

02/2024 - 06/24

Oldenburg, Germany

### INTERN

#### OFFIS

- Led creation of comprehensive digital twin solution
- Developed user interface with focus on front-end functionality
- Designed and implemented intuitive dashboard for data visualization and metric tracking

01/2021 - 11/2022

Portharcourt, Nigeria.

### TRAINEE ENGINEER

#### HEXAGON ENGINEERING

Under immediate supervision, learned and carried out various tasks in the oil and gas industry, including:

- Conducted thorough examinations of critical mechanical components to ensure optimal performance and reliability.
- Sourced specialized equipment and spare parts to support efficient operations.
- Performed precision calibration of sensitive instruments to guarantee accurate measurements and data integrity.
- Provided expert maintenance services for valves in offshore and onshore oil fields, minimizing downtime.

08/2016 - 11/2017

Lagos, Nigeria.

### AUTOMOBILE TECHNICIAN

#### INEC-MIC AUTOS LTD

- Diagnosed and repaired mechanical, electrical, and electronic vehicle issues using specialized tools
- Performed complex repairs including engine overhauls, transmission work, and brake servicing
- Conducted thorough vehicle inspections, providing detailed reports and repair recommendations
- Utilized advanced diagnostic equipment to interpret error codes and pinpoint problems
- Maintained accurate records of repairs, parts used, and customer interactions
- Ensured compliance with safety standards and stayed current with industry advancements
- Effectively communicated technical issues to customers in clear, understandable terms

### PROJECT

#### CALIBRATION OF TURBINE METERS GREEN ENERGY, OTAKIKP

- Conducted turbine meter calibration to optimize green energy production and ensure accurate energy measurement at Otakikpo Field

## EDUCATION

Ongoing	MEng, Sustainable Renewable Energy Technologies (SURE) Carl Von Ossietzky Universität Oldenburg
09/2018	B.Eng, MECHANICAL ENGINEERING Imo State University
10/2015	B.Eng, MECHANICAL ENGINEERING Fedral Polythenic, Nekede

## TECHNOLOGIES

AutoCad 2D -3D	Matlab/Simulink	3D sketching software
Micro soft word	Micro soft office	Micro soft Excel
Micro soft power point	Corel Draw	Power BI
Tableau	Python	

## LANGUAGE SKILLS

German: B1

ENGLISH: C2

## SKILLS

Effective Communication	Time Management
Critical Thinking	Growth Mindset
Excellent communication	Good presentation skills
Attention to details.	Fast Learner