



CHIKAODIRI AGU

Mechanical Engineer

PROFILE

An experienced engineer in manufacturing industries with a pool of experience in FMCG. I am a self-motivated and highly skilled individual who can multi-task. I hold a Higher National Diploma in Mechanical Engineering Technology with a good pass having obtained an Upper Credit in Power Plant Option.

I have gained relevant working experiences and knowledge and have showed great skills and competency at work which includes data management, analytical skills, maintenance and downtime reduction, machine handling and operation, cost saving, energy maximization and ensuring the safety of lives, asserts and engineering equipment. I am smart, quick to learn and always open to new challenges.

I am enthusiastic, highly skilled in problem-solving and results driven professional with intentions to work with an organization where skills, character and competencies will play the roles of ensuring the growth and development of employees, and the organization at large.

EDUCATION

ALX AFRICA SOFTWARE ENGINEERING SCHOOL

September 2022 – Till Date

Software Engineering in view with understudy of the followings:

- programming languages such as HTML, CSS, Python, JAVASCRIPT, C, C#, C++ etc.
- Operating system management and Firewall management.
- Databases management and server load balancing
- Project management etc.

AKANU IBIAM FEDERAL POLYTECHNIC UNWANA. EBONYI STATE NIGERIA

2014 - 2016

Higher National Diploma [HND] in Mechanical Engineering, Power Plant Option: During the phase of my academic pursuit, I underwent series of molding, building, and training process. I partook in all relevant academic exercises, including examination and successfully graduated with a CGPA of 3.22 as a prove of hard work and diligence.

AKANU IBIAM FEDERAL POLYTECHNIC UNWANA. EBONYI STATE, NIGERIA

2011 - 2013

National Diploma in Mechanical Engineering Technology: I followed the curriculum diligently, passed all tests and successfully graduated with a CGPA of 3.37 which pave way for furthering my education.

CERTIFICATION

- Certificate of National Service [NYSC] 2018
- Health, Safety and Environment [HSE 1, 2 & 3] 2018
- Software Engineer [in view]

CONTACT

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HOBBIES

Passionate about Technology and IT
Reading
Researching
Travelling

OTHER DETAILS

- Sex: Male
- Status: Single

PROJECTS

- Installation and commissioning of a functional and efficient CNG PLANT with a load pressure of 250bar at a regulatory out of 2bar to 4.5bar.
- Installation of a back-up power system of 2000KVA to power an insulated process line in case of unplanned power outage.
- Installation and commissioning of Automatic Actuated Fire Extinguishing System with full functional alarm system.

REFERENCE

- Available on request.

WORK EXPERIENCE

OLAM (CARAWAY) Amuwo - Odofin, Lagos.

Maintenance Supervisor

August, 2022 – Till Date

- Tracking maintenance performance measurement and coordinate RCA on unplanned and elongated equipment downtime and breakdown.
- Ensure overall performance of plant with daily, weekly and monthly reviews of actual KPI versus target
- Monitor the daily utility consumption, cost of operation and drive process optimization and energy management.
- Ensure proper troubleshooting, fault resolution and smooth running of utility equipment and optimization of process.
- Drive and implementation of TPM, RCA, GMP, 5S and continuous improvement of KPI
- Provide proper trainings for technical personnel and importance of implementation.
- Management of boilers, ammonia plant, air compressor, diesel and gas generator, water treatment plant and effluent treatment plant.
- Liaise with production manager to understand utility requirements for production need from to time and ensuring proactively that utility supply is adequate as required.
- Review of maintenance, maintenance task list and maintenance plans and strategies in line with current business and economic needs.

CARAWAY, Amuwo - Odofin, Lagos.

Utility Assistant Supervisor

August, 2021 – August, 2022

- Assist in developing and implementing goals, objectives, practices, policies, procedures, and work standards.
- Supervise, train, plan, organize, schedule, assign, review, and evaluate the work of staff.
- Organize, implement, and direct assigned maintenance and operations activities and projects. Identify problems, research and analyze relevant information, develop and present recommendations, and justification for solution.
- Develop cost estimates for supplies and equipment. Read, interpret, retrieve, and produce drawings, blueprints, maps, and specifications.
- Understand, interpret, and successfully communicate both orally and in writing pertinent department policies and procedures.
- Prepare clear and concise reports, correspondence, procedures, and other written materials.
- Make sound, independent decisions within established policy and procedural guidelines.

- Organize and prioritize a variety of projects and multiple tasks in an effective and timely manner; organize own work, set priorities, and meet critical time deadlines.
- Operate modern office equipment including computer equipment and software programs.

CARAWAY, Amuwo - Odofin, Lagos.

Utility Mechanical Engineer

June, 2020 – July, 2021

- Check equipment and operating systems and correct wherever necessary.
- Ensure mechanical operations, standards and controls are maintained at high quality.
- Resolve motor, pump, conveyor and hydraulic problems.
- Ensure high level technical support to lower-level technicians.
- Show expertise in working with team and independently.
- Repair and perform preventive maintenance as per established standards.
- Comply with company and customer regulations and policies.
- Handle personal tools for job including up-to-date documented personal tool lists.
- Build a database for mechanical equipment maintenance.
- Adhere to engineering principles and techniques in resolving issues.

CARAWAY, Amuwo - Odofin, Lagos.

Utility Operator

August, 2019 – May, 2020

- Inspects and performs preventative maintenance and emergency repairs to a wide variety of mechanical and electronic equipment, e.g., disassembles, cleans, lubricates, and replaces equipment parts as needed; makes minor mechanical repairs.
- Monitors equipment and takes reading at designated intervals; tracks the status of the system and prepares reports that account for equipment performance.
- Records and reports defects or failures in gas, electricity or water; immediately responds and reports water and gas.
- Extracts samples and performs routine laboratory tests; documents and certifies the test results.
- Performs change-out of chemical containers as needed.
- Performs scheduled plant inspections, and records observations in the facility logbook;
- Monitors system performance and starts and stops equipment as required.
- Ensures the plant's utilities are properly functioning to receive steam, chilled water, hot water, compressed air, electricity, and gas.

- Responds and completes work orders; maintains daily shift production logs;
- Operates and maintains the boilers, steam turbine, compressors, chiller, RO water system, Cooling Tower, and pumps to effectively run processes and equipment.
- Adheres to safety programs to promote a safe environment and to minimize safety hazards/injuries.
- Attends informational meetings and work-related training to keep abreast of any new policies and/or procedures or company developments/initiatives.

Eastern Metals, Asaba, Delta State. Nigeria

Supervisory Trainee

2018 – 2019

- Understudy of engineering processes management such as material handling, destructive processes, melting and molding processes of metals.
- Extensive training on general maintenance practices, Root Cause Analysis, 5S and Problem Solving.
- Understudy maintenance strategy, fault diagnosis, and time critical equipment repair.
- Understudy on operations and maintenance of power generating plants.
- Understudy of Data management, costing management and cost saving.
- Understudy of decisions making procedures for sustainability and efficiency in leadership.

SKILLS

- Mechanical Design
- Project Management
- Operations Management
- AutoCAD/SOLIDWORKS: 2D, 3D, CAM, Assembly and animation.
- Software Engineering
- Microsoft package
- PS usage
- Energy Management
- Databases management

FUNCTIONAL COMPETENCY

- Good communication and interpersonal relationship.
- Attention to details and collaboration
- Time management and critical analysis.
- Problem-solving and multitasking
- Good team player
- Leadership