CHIJIOKE VALENTINE NNABUEZE

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# PROFILE SUMMARY

Ingenious and determined electrical and automation personnel with over 5 years of experience. Seeks to use first-class production design and process skills to push forward manufacturing excellence. Skilled at maintenance and operation of equipment as well as in design, testing and analysis. Seeking opportunity in a process or technological environment to grow and contribute to operational excellence.

# COMPETENCIES

* Basic German language
* Industrial Automation
* Process Control
* Field Instrumentation
* Engineering Process Improvement
* Prevention and Maintenance
* Pneumatic/Electro-pneumatics
* Mechanical measurements and fittings
* Technical Support and Assistance.
* Reporting and Documentation
* Cable laying and termination
* Python Programming Language

# SKILLS HIGHLIGHT

* Ability to review and interpret electrical, instrumentation, control designs and drawings including P&ID, wiring, etc.
* Electrical controls wiring and troubleshooting.
* Industrial Motor control design and Installation
* Sound understanding of Hydraulics Pneumatics and Electro-Pneumatics Systems.

# WORK EXPERIENCE

**Automation Engineer** – CHI LIMITED June 2021 – Till date

* Variable frequency drives installation, troubleshooting and maintenance (such as Danfoss, Sew drives, Powerflex, LS iG5A, Lenze drive etc.)
* PLC programming, upload, download, archive, retrieve and troubleshooting using Simatic Manager, TIA Portal for Siemens and RS Logix 500, RSLogix5000 for Rockwell Automation, etc.
* Analyze and troubleshoot process problems such as PLC faults, identifying and correcting electrical/electronic control system faults common with devices such as sensors, proximity switches, limit switches, solenoids, and Electric motors, so as to make continuous and permanent improvements.
* Installed electrical components such as circuit breakers, overload relays, contactors, load cells and electric motors, etc.
* Maintained smooth operations of all process and packaging machinery through effective and efficient troubleshooting and fault rectification.

**Field Service Engineer –** DIVERSEY WEST AFRICA LIMITED (Contract) Nov 2020 – May 2021

* Installed and Commissioned Krones conveyor Lubrication system at AB-InBev Sagamu
* Designed, installed and commissioned electric motor starters such as Star/Delta and Direct-On-Line starters
* Service, calibrate and repair process instruments on client’s demand in other to improve machine life span and overall manufacturing output.
* Provide solutions and fix equipment malfunctioning, system faults and network errors on automated machines – Use root-cause-failure techniques, corrective actions, modifications and performed replacements and/or new installation.
* Establish in-depth understanding about project requirements and customer’s demands so as to Communicate effectively to guarantee plant objectives are met.
* Monitoring and reviewing information from materials, events or the environment to detect or access problems and provide solutions
* Perform electrical-related wiring and installation for commercial construction projects, including new construction and plant expansion.

**Electrical/Automation Technician** – HONEYWELL FLOUR MILLS PLC Feb 2019 – Sep 2020

* Carried out repairs, preventive and corrective maintenance on electrical and automated systems (e.g., Palletizers and Carousels).
* Ensure that SOP, good housekeeping and good manufacturing practices are maintained.
* Daily reports and documentation of carried out operations.

**Electrical Technician** – QUEENSMEAL FOODS LIMITED Oct 2016 – Jan 2017

* Troubleshot and repaired malfunctioning equipment, appliances, and apparatus.
* Carried out maintenance, diagnosis, and repair of electrical, automation, and instrumentation of equipment applied by industrial motor controls, pump drives, and the Control system
* Perform maintenance, installation, repair, and troubleshooting of control centers, de-energized higher voltage equipment, and 415 volts Electric motors
* Conducted tests and assessments of new systems and repairs to ensure quality
* Performed preventative maintenance on a regular schedule

# EDUCATION

* **B.Eng.** in Robotics – INTERNATIONAL UNIVERSITY OF APPLIED SCIENCES 2021 – 2024
* **Diploma** in Electromechanical Engineering – INSTITUTE FOR INDUSTRIAL TECHNOLOGY. 2017 – 2019
* **SSCE** National Examinations Council (NECO) – ROSE OF SHARON COMPREHENSIVE COLLEGE 2016

# TRAINING AND CERTIFICATIONS

* Conveyor lube pipe installation – DIVERSITY WEST AFRICA LIMITED 2020
* Home Electrical Electronics Installation & Repair (Apprenticeship) – POLYMATH ELECTRICALS 2012 – 2015

# REFEREES

AVAILABLE UPON REQUEST