

ANTHONY. C. OBI

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SKILLS

- **Programming Languages:** JavaScript, HTML, CSS.
- **Software and Tools:** MATLAB & Simulink, Proteus, Tex-maker, Ladder logic, VHDL, Teckin sockets and Sonoff, Victron products (VRM, CCGX), Coolnomix, Efergy.
- **PLC Systems:** Siemens (S7-300, Simatic), Allen Bradley (RXLogix500, Micro800, MicroLogix1000).

EDUCATION AND QUALIFICATIONS

- 2022 – 2024 Teesside University
MSc Instrumentation and Control Engineering predicted (Distinction)
Project: Development Of Smart Irrigation Systems That Uses Wastewater (A MATLAB/Simulink Simulation)
- 2014–2018 Regent University of Science and Technology
BE Applied Electronics and Systems Engineering (First Class)
Project: Design and Construction of a Smart Solar Grass Cutter.

WORK EXPERIENCE

- Jan 2022 – OPTIVA CAPITAL PARTNERS**
- Sep 2022 Relationship Management Executive/Marketer Lagos, Nigeria**
- Successfully brought in over USD 700,000 in revenue by closing six immigration investment sales, four wealth management sales, and four insurance deals with clients and prospects.
 - Drove the national recognition of the organization by pitching sales to government officials and politicians.
- Feb 2021 – SESCO RENEWABLES LTD Lagos, Nigeria**
- Dec 2021 Junior Systems Engineer**
- Led site surveys and audits for data collection to design optimal solar power systems.
 - Implemented Coolnomix technology for HVAC systems to optimize energy consumption.
 - Utilized VRM and CCGX platforms for remote monitoring and control of solar powered inverter systems.
 - Performed on-site troubleshooting and resolved technical issues to ensure system functionality.
 - Implemented smart socket technologies (Teckin socket & Sonoff) and configured them via Ewelink to automate energy consumption in facilities with solar power systems.
 - Conducted energy audits using Efergy to recommend energy conservation solutions.
- Achievements:**
- Reduced shutdown of facilities to a complete zero by effective remote monitoring, several site surveys, and audits of the Solar powered inverter systems for the acquisition of data via VRM or CCGX.
 - Led and managed the expansion and implementation of renewable energy projects to five more facilities.
- April 2019 – TECHCRAT INDUSTRIAL AUTOMATION LTD Lagos, Nigeria**
- Feb 2020 Junior Automation Engineer (Graduate Trainee)**
- Successfully completed industrial automation projects at various client sites, demonstrating expertise in PLC programming, system integration, and troubleshooting.

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- **Nigerian Tank Cleaning Service (NTCS):** Upgraded control system using Allen Bradley Micro 800 PLC, implemented safety protocols, and installed new pressure/temperature transmitters for enhanced system performance.

Achievement:

Completed the overhauling of a KAESER SK21 Air Compressor in Lagos's Nigerian Tank Cleaning Service by decommissioning a faulty and wrongly programmed Siemens Sigma controller and replacing it with an Allen Bradley Micro 800 controller and Micro800 LCD.

- **Iron Products Industries:** Enhanced machine functionality through installation of limit switches, VFD motor driver, and Allen Bradley MicroLogix 1000 PLC for accurate production processes.

Achievement:

Automated all Iron cutting and Punching machines at the Iron product Industries in Lagos by Installing limit switches, Nidec Motor Driver (VFD) to control the speed of a motor, Allen Bradley MicroLogix1000 PLC, and a counter for accurate length measurement.

- **Chivita Warehouse:** Replaced a faulty light sensor on the conveyor belt packaging line, ensuring smooth operation.

May 2016 – KONTZ Engineering Services LTD

Lagos, Nigeria

Aug 2016 Intern

- Performed maintenance on security systems like baggage scanners and Mantrap doors, demonstrating technical proficiency.
- Participated in access control systems training, expanding knowledge base.