



Philemon Nwanne

Versatile automation engineer with over 3 years of experience in industrial networking, programming & integration of various control and safety systems. Self - study experience in AWS. Currently a Cloud/DevOps intern with experience in HTML, CSS, Python and Javascript.

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Imo, Nigeria

EXPERIENCE

Cloud/DevOps Engineer (Intern)

AltSchool Academy

04/2022 - present

Delta, Nigeria

- Analyse requirements to determine best approach, while completing a major web design project, utilising HTML, CSS, and Javascript knowledge.
- Review my code to ensure alignment in terms of structure, security, browser, device and operating system compatibility.
- Work with senior-level developers/mentors on development projects for the website, both large and small.
- Proactively participate in weekly team meetings

AWS

Self-Study

03/2021 - 04/2022

PH, Nigeria

- Hands-on experience using various AWS services, and in deploying web applications on apache web servers.
- Ensured security while deploying data sensitive resources eg. databases to private subnets, and achieved security to such infrastructure using MFA, security groups, NAT gateways, bastion hosts, and NACL's etc.
- Developed templates to automate the provisioning of infrastructure using terraform.

Integrated Control and Safety Systems Engineer

First Exploration and Petroleum Development Company

01/2021 - 03/2021

Escravos, Nigeria

- Performed network, hardware, and software troubleshooting to ensure all systems, eg. servers and workstations were operating smoothly.
- Handled the programming, and modification of the logic functions on the PCS & SIS, for both the production platform and the FPSO
- Maintained back-ups for computer and automation systems

IT Support/Automation Engineer

Applied Engineering Technology Initiative

01/2019 - 06/2020

Lagos, Nigeria

- Maintained and administered computer networks and related computing environments including computer hardware, software, applications, and all configurations
- Modified control cabinets and operator interface panels to house all wiring, PLC modules, HMI's, motor starters and variable frequency drives
- Provided secondary training to personnel struggling with IT tools

SOFT SKILLS

Effective Communication

Fast-Learner

Teamwork

Willingness to learn

Problem-Solving

Time Management

Able to train others

Hard-Working

HARD SKILLS

Network Protocols: Profinet/Profibus, Ethernet IP, TCP/IP, SSH

Operating Systems: Windows, Mac, Linux

Languages: Python, Bash, JavaScript

IaC: Terraform, Cloud Formation

Containerisation: Docker

Versioning: Git

IOT: MQTT

EDUCATION

Mechanical Engineering

Michael Okpara Federal University

09/2012 - 10/2017

Abia, Nigeria

- Bachelor of Engineering

CERTFICATES

AWS Certified Cloud Practitioner (06/2022 - 06/2025)

Amazon Web Services

Introduction to IoT (06/2021 - Present)

Simplilearn

Cybersecurity during Commissioning (05/2021 - Present)

IT & Automation Academy

COSH Risk Assessor (05/2020 - Present)

The Knights of Safety and The International Association for Chemical Safety

Power Over Ethernet (04/2020 - Present)

Schneider Electric

PROJECT

<https://replit.com/@philemonnwanne/Altschool-Assessment>