

# Philip Dushie, PGCert, BSc.

## Full Stack Application Developer

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Results-driven IT professional with extensive experience in systems administration, technical support, and full stack development. Skilled at solving complex problems and bridging technical solutions with user needs, I am eager to continuously learn, develop my expertise and contribute to innovative, value-driven solutions.

## Work Experience

### IT Systems Specialist Intern

Apr 2024 - May 2024

*Online Job Market | Halifax, Canada*

Supported IT infrastructure management and contributed to system optimization, backup planning, and vendor coordination, ensuring efficient operations and system reliability.

- Provided comprehensive technical support and assistance, ensuring optimal operation of the organization's web services.
- Successfully migrated organization's web platform from Apache to Nginx with 99.8% uptime.
- Implemented security strategies to harden and secure web infrastructure.

### IT Network / Systems Administrator

Dec 2014 - Aug 2023

*Nursing and Midwifery Council | Accra, Ghana*

Provided technical support and managed IT infrastructure for over 200 employees. Documented solutions and participated in on-call rotations.

- Delivered customer service-focused technical support to over 200 employees in a fast-paced dynamic work environment.
- Installed, configured, and updated desktops, laptops, peripherals, and software applications.
- Conducted troubleshooting and diagnosis of hardware and software problems, ensuring timely resolution.

## Projects

### Responsive Personal Portfolio Design

Nov 2024 - Dec 2024

Designed and built a responsive portfolio website using HTML, JavaScript and Tailwind CSS to showcase my projects and skills

- Created wire-frame design and translated wireframe into HTML.
- Website was styled using Tailwind CSS, an open-source CSS framework.
- Integrated GitHub Actions into my portfolio to automate deployment when changes are made to codebase.

### Halifax Regional Municipal Transit Bus Tracker App

Nov 2024 - Dec 2024

Designed and built a web application to track transit buses in Halifax, Nova Scotia.

- Developed a web-based app to track geo-location of transit buses in the Halifax Regional Municipality.
- Application periodically fetched bus related data from an API and updated positions of buses on the map.

**Online Learning Management System – Nursing and Midwifery Council of Ghana** Jan 2018  
– Mar 2018

- Designed and implemented a comprehensive learning management system to digitize and streamline the organization's examination and training process.
- Collaborated with various departments and stakeholders to ensure the system met their needs.
- System resulted in the cutting down of time taken to release licensing examination results from 3 months to 2 weeks.

**Decentralization of Operations - Nursing and Midwifery Council of Ghana** Apr 2017 – Jun 2017

- Led the design and deployment of a nationwide VPN infrastructure, ensuring secure and reliable remote access across all council offices and field staff.
- Deployed infrastructure resulted in the Council achieving its goal to decentralize operations.

## Core Skills

Languages: JavaScript, TypeScript, Python, Bash Scripting, Web Development: HTML, CSS3, Tailwind CSS, NodeJS, ExpressJS, jQuery, Database Administration: MySQL, PostgreSQL, MSSQL, MongoDB, Web Server: Apache, Nginx, Cloud and DevOps: AWS, GitHub Actions, Containerization: Docker, Virtualization: VMWare, Hyper-V, Oracle VirtualBox, Network Administration: LANs, VLANs, WLAN, Operating Systems: Linux, Windows, Technical Support, Teamwork, Project Management, Time Management, End user training

## Education

**Graduate Certificate** | Full Stack Application Development

**Nova Scotia Community College**

Sep 2024 - Present

**Graduate Certificate** | IT Programming for Artificial Intelligence

**Nova Scotia Community College**

Sep 2023 - May 2024

**Bachelor of Science** | Computer Engineering

**Kwame Nkrumah University of Science and Technology**

Sep 2006 - Jun 2010

## Certificates

**Cisco Certified Network Associate (CCNA)**

Cisco

**IPTL Certified Engineer**

IP Technology Labs, USA

**Nova Scotia Class 5 Drivers License**

Registry of Motor Vehicles