

Gifty Dede Tsewayo

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PROFILE SUMMARY

Backend Developer with a pharmacy background and recent training from ALX Africa’s intensive backend engineering programme. Skilled in Python, Django, REST APIs, and relational databases. Passionate about building healthcare solutions through technology.

EDUCATION

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| University of Health and Allied Sciences <i>Doctor of Pharmacy</i> Relevant Coursework: Pharmacy Practice, Pathophysiology and Therapeutics, Systems Pharmacology, Dispensing, Pharmaceutical Technology | Jan 2022 – present Ho, Ghana |
| ALX Africa <i>Backend Engineering Programme</i> Relevant Coursework: Git and Github, Python, Django, REST APIs, Databases(MYSQL) | Nov 2024 – Apr 2025 Remote |

PROFESSIONAL EXPERIENCE

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| Backend Developer (Capstone Project) <i>Hospital Management System API ALX Africa</i> <ul style="list-style-type: none">Designed and built a multi-role Hospital Management API using Django REST FrameworkApplied authentication and security best practicesImplemented role-based access for doctors, patients, pharmacists, and adminsCreated endpoints for appointments, prescriptions, medical records, and authenticationDeployed the API to PythonAnywhere for external access and testing | Mar 2025 – Apr 2025 |
| International Maritime Hospital <i>Hospital Pharmacy Intern</i> <ul style="list-style-type: none">Participated in ward rounds under the supervision of a hospital pharmacistCompounded extemporaneous pharmaceutical productsPerformed medication history taking and reconciliation, identifying discrepancies to enhance patient safety and care qualityConducted medication adherence counselling to improve patients' compliance with prescribed treatments | Aug 2024 – Oct 2024 Tema, Ghana |
| Baseview Pharmacy Ltd. <i>Community Pharmacy Intern</i> <ul style="list-style-type: none">Managed common disease conditionsPrepared, labelled, and dispensed medications with precisionCounselled patients on medication use and provided health screening servicesConducted point-of-care tests | Oct 2023 – Dec 2023 Kasoa, Ghana |
| Weija-Gbawe Municipal Hospital <i>Hospital Pharmacy Intern</i> <ul style="list-style-type: none">Monitored drug expiry dates within the pharmacy to maintain inventory quality and compliance with safety standards | Oct 2022 – Nov 2022 Weija, Ghana |

- Educated and counselled patients on safe drug use
- Participated in health promotion and education initiatives

SKILLS

Python — Proficient

Django — Proficient

Django Rest Framework — Proficient

MySQL — Proficient

Git — Proficient

HTML & CSS — Competent

Problem Solving — Expert

Attention to Detail — Expert

Drug Compounding — Expert

Patient Education and Counselling — Proficient

Public Speaking — Proficient

ORGANIZATIONS & AFFILIATIONS

Pharmacy Book Club

Jan 2024 – present

Member

Health Committee (University of Health and Allied Sciences)

Jan 2023 – present

Member

AWARDS

Patient Counselling Competition, 2nd Runner Up

01 Sep 2023

Ghana Pharmaceutical Students' Association, UHAS