

# Francis Nii Tettey Tettey

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## Education

**University of Leicester, Software Engineering MSci** Sep 2022 – Jun 2026  
**Expected Degree Classification:** First Class Honours Leicester,  
**Distinctions:** United Kingdom  
Achieved a 90% overall in Software Architecture and System Development module

**Maru-a-Pula Highschool, A-Levels & IGCSEs** Jan 2015 – Nov 2021  
**A Level:** A\* (2), B (1) Gaborone, Botswana  
**AS Level:** A (3), B (1)  
**IGCSE:** A\* (5), A (4)  
**Distinctions:**  
Received the Top Achievers scholarship from the Government of Botswana  
• Awarded to the top 0.4% applicants to pursue degrees of strategic importance to the Nation

## Work Experience

**Sand Technologies, Software Engineering Intern** Sep 2024 – Aug 2025  
London, United Kingdom  
• Worked in telecommunications as part of a team that developed a full-stack geospatial data-visualisation platform for telco datasets  
• Application was built on ReactJS and RestJS for the front-end, FastAPI for a scalable Python-based backend, with additional tools like KeplerGL and GeoServer for data visualisation.  
• Migrated application user management from Keycloak to AWS Cognito, which improved scalability and integration with other AWS services  
• Completing the various tasks across the development stack enhanced debugging skills and technical communication. Working in an agile team improved proficiency with the agile methodologies, such as SCRUM

**Sefalana Cash and Carry Limited, IT Intern** Jul 2023 – Aug 2023  
Gaborone, Botswana  
• Co-ordinated remote troubleshooting of issues faced by employees at over 100 stores across the country at one of the largest retail and wholesalers in Botswana  
• Learnt valuable triaging skills and how to react to and resolve client issues in a timely manner

**Design and Technology Institute, IT Assistant** Jan 2022  
Accra, Ghana  
• Interned for the IT department of the Design and Technology Institute, a school specialising in preparing aspiring artists and entrepreneurs for entry into the industry.  
• Onboarded new computers to the local server and, in the process, I learnt how to provision local servers and assign static IP addresses to a network of computers

## Skills, Projects & Interests

### Technical Skills

**Proficient:** Python, Java, JS, SQL, HTML, CSS, Bash scripting, Git, React,  
**Familiar:** C, C#, Springboot, Docker, Android Studio, FastAPI, AWS, KeplerGL, GeoServer

### Certifications

AWS Cloud Practitioner ☞ ~ March 2025

### Notable Projects

- Personal portfolio webapp ☞ - Python, React, Javascript, Deployed via Render & Vercel ~ 2025
- Sidescrolling platformer game ☞ - Unity engine, C# ~ 2024 (University)
- Shopping list Android application ☞ - Android studio, Kotlin ~ 2024 (University)

### Interests

Football, Movies and Tv, Live Music, Blood donation