

# 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:** Achieved a 90% overall in Software Architecture and System United Kingdom  
Development module

**Maru-a-Pula Highschool, A-Levels & IGCSEs** Jan 2015 – Nov 2021  
**A Level:** Computer Science(A\*), Geography (A\*), Math (B) Gaborone, Botswana  
**AS Level:** Computer Science(A), Geography (A), Chemistry(A), Math (B)  
**IGCSE:** Computer Science(A\*), Chemistry(A\*), Physics(A\*), Business Studies(A\*),  
English Literature(A\*), Math (A), Geography (A), French(A), English 1st  
Language(A)  
**Distinctions:**  
Received the Top Achievers scholarship from the Government of Botswana  
• Awarded to approximately 60 students from 15k applicants to pursue degrees of  
strategic importance to the Nation  
• Valued at \$1mn funding all academic expenses, this is Botswana's largest  
investment in human capital

## Work Experience

**Sand Technologies, Software Engineering Intern** Sep 2024 – Aug 2025  
London, United Kingdom  
• Part of a team that developed a full-stack application using React.js and RestJS  
for the front-end, FastAPI for a scalable Python-based backend, and PostGIS for  
managing relational and geospatial data, with additional tools like KeplerGL and  
GeoServer for data visualisation.  
• Conducted tasks across the entire development stack, enhanced debugging skills,  
gained proficiency with SCRUM processes and developed the ability to explain  
technical issues concisely  
• Transitioned application user management from Keycloak to AWS Cognito,  
improving scalability and integration with AWS services

**Sefalana Cash and Carry Limited, IT Intern** Jul 2023 – Aug 2023  
Gaborone, Botswana  
• Interned in the IT department one of the largest retail and wholesale companies  
in Botswana  
• Coordinated remotely troubleshooting issues faced by employees at over 100  
stores across the country

**Design and Technology Institute, IT Assistant** Jan 2022  
Accra, Ghana  
• Interned for the IT department of the Design and Technology Institute which is  
a school specialising in the training of aspiring artists and entrepreneurs  
Providing the skills needed to break into the industry  
• key achievement was learning how to format computers via a boot drive, set up a  
local server, and assign static IP addresses to a group of computers

## Skills, Projects & Interests

### Technical Skills

**Proficient:** Python, Java, SQL, HTML, CSS, Bash scripting, Git

**Familiar:** C, C#, JS, React, Springboot, Docker, Kotlin, Android Studio, AWS

### 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)