

Francis Nii Tetthey Tetthey

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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 Development module United Kingdom

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 ~ 2025
- Sidescrolling platformer game - Unity engine, C# ~ 2024 (University)
- Shopping list Android application - Android studio, Kotlin ~ 2024(University)