

OLUWADARASIMI OLOWE

QA Engineer Intern | Manual, API & Accessibility Testing

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Summary

QA tester focused on functional, API, and accessibility testing, trained through the HNG14 internship. On a live staging product: logged 14 functional defects (8 Critical) with full reproduction steps, designed 80+ test cases (boundary, negative, authorization, input-validation), and ran API security checks that surfaced email enumeration and missing brute-force rate limiting (OWASP API Top 10).

Technical Skills

Testing: Manual, functional, regression, exploratory, and usability testing; test case and test scenario design; boundary, negative, and edge-case analysis

API Testing: REST API testing with Postman; request/response and status-code validation; OWASP API Security Top 10

Security Testing: Authentication and authorization testing, broken object-level authorization (IDOR) checks, rate-limiting and brute-force checks, expired-token handling, input validation and XSS checks

Accessibility: WCAG 2.1 compliance testing, WAVE, axe DevTools, keyboard navigation and screen-reader checks

Defect Management: Severity and priority classification, reproduction documentation, expected-vs-actual reporting, defect lifecycle

Tools: Postman, Chrome DevTools, WAVE, axe DevTools

Programming: Python with pytest for REST API test automation (fixtures, env-based config, HTML reports); JSON and API request/response structures

Experience

QA Engineer Intern | HNG14 Internship (Remote)

April 2026 – June 2026

- Documented 14 functional defects (8 Critical) on a live staging platform, each with reproduction steps, expected-vs-actual results, severity/priority, and screenshots.
- Ran API security tests on login, OTP-verification, and password-reset endpoints; found email enumeration, missing rate limiting (no account lockout after repeated failed OTP attempts), and inconsistent auth status codes, all mapped to OWASP API Security Top 10.
- Designed 80+ test cases across positive, negative, boundary, and security scenarios, including broken object-level authorization (IDOR), client-side control bypass via dev tools, expired-token rejection, and grading-integrity checks.
- Built a Python/pytest API automation suite (38 tests) for authentication and user endpoints, using fixtures for token handling, env-based config, and HTML reporting. Added SQL-injection and token-validation checks that surfaced defects such as incorrect auth status codes and duplicate-account creation.
- Performed accessibility testing against WCAG 2.1, reporting defects across UI components, mobile responsiveness, and keyboard navigation.
- Tested the Clinsight clinical-support MVP and Skillbridge Africa, producing a test plan, QA report, and technical write-up.

Graduate Assistant | Lead City University, Ibadan

2025 – Present

- Support undergraduate instruction and manage student grading, practical assessments, and academic documentation across multiple course groups, alongside M.Sc. research.

Education

M.Sc. Computer Science | Lead City University, Ibadan

2024 – Expected Jul 2026

- Thesis: explainable-AI framework (MFXAI) for phishing-URL detection

B.Sc. Computer Science | Lead City University, Ibadan

2019 – 2023

- Thesis: Disease Prediction Using Chatbots

Certifications

- HNG14 Finalist — QA Engineering Track (2026)
- Google Cybersecurity Professional Certificate — Coursera (July 2025)

Publications & Projects

Co-author: “Diabetes Prediction Using Traditional Machine Learning Techniques,” Lead City University Postgraduate Multidisciplinary Serial 5 (2025). Compared decision tree, naïve Bayes, kNN, and logistic regression on the Pima Indians dataset using accuracy, precision, recall, F1, and ROC AUC.