

AKINLOOSE EMMANUEL TEMIDAYO

Software QA Engineer

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PROFESSIONAL SUMMARY

With around five years in the QA industry, I specialize in Java and JavaScript, with in-depth knowledge of encrypted endpoints automation for backend testing. I excel in setting up automation frameworks using Cypress, Playwright, Appium, Postman, and REST Assured. My expertise includes developing test plans, strategies, and reports, ensuring thorough quality assurance. Proficient in analyzing requirements, I drive efficient and effective testing processes to deliver high-quality software.

WORK EXPERIENCE

Sterling Bank Plc

Software Development Engineer in Test (SDET)

(February 2024 - Present)

Lagos Nigeria

- Leveraged Java with Appium to develop robust mobile automation frameworks for Android and iOS platforms, ensuring comprehensive test coverage and enhanced mobile application quality.
- Utilized Cypress for web automation, creating efficient and reliable test scripts tailored to the organization's specific needs.
- Conducted performance testing using JMeter and K6, writing advanced Groovy scripts to handle complex and dynamic scenarios to ensure the system's stability under load.
- Automated and created reusable scripts for encrypting payloads and decrypting responses across various platforms, utilizing Groovy scripting in JMeter and JavaScript in Postman.
- Developed custom commands and assertions for Cypress automation, ensuring that the automation scripts were uniquely tailored to the organization's requirements.
- Designed and implemented comprehensive test strategies, focusing on critical areas such as transaction flows, security, and performance, to ensure the highest quality of software releases.
- Collaborated closely with cross-functional teams, including developers and product managers, to ensure seamless integration and functionality of software components.
- Tracked and reported key metrics on test progress, component stability, and defect trends, providing valuable insights to stakeholders and guiding quality assurance efforts.
- Conducted post-release retrospectives, working with developers to capture lessons learned and apply continuous improvement principles to the testing and release processes.
- Contributed to improving other QA engineers and provided guides and training on best practices in test automation and performance testing, fostering a culture of quality and continuous learning within the team.

RSNL : Retail Supermarket Nigeria LTD [Shoprite & JARA]

Software QA Engineer

(April 2024 - May 2024)

Lagos Nigeria

- Developed and executed comprehensive test plans, test cases and collaborated with cross-functional teams, including developers and product managers, to ensure seamless integration and functionality.
- Conducted manual testing to identify and resolve defects early in the development cycle.
- Analyzed test results, identified trends, and provided detailed reports to stakeholders.
- Ensured compliance with industry standards and best practices in software quality assurance.
- Participated in agile development processes, including sprint planning, daily stand-ups, and retrospectives.
- Assisted in the continuous improvement of QA processes and tools to enhance testing efficiency and coverage.

Fidelity Bank Plc**Lagos Nigeria***Software QA Engineer**(June 2023 - February 2024)*

- Engaging in user reviews and contributing feedback on requirements, product design, and possible issues.
- Coordinating and conducting User Acceptance Testing (UAT) to ensure satisfaction among stakeholders.
- Developed and executed new test strategies focused on a Core Banking platform with Online Banking, Document Upload, POS, and Reversal modules.
- Created test scenarios mapping to 100+ user stories for bank transaction flows and document uploads. Using mind maps and session-based testing to examine key paths.
- Designed over 300 test cases for validating fixes, regressions, and new functionality across backend APIs and UI flows. Ensuring 90%+ test coverage of all modules.
- Automated 65% of regression test cases using Cypress + Cucumber Framework, CD/CI pipeline in Jenkins, accelerating release certification.
- Boosted team's agile maturity with shifting left testing methodologies, raising confidence for earlier build approvals.
- Helped instill greater accountability for quality with bug release / defect leakage metrics providing transparency into escape rates.
- Tracked and reported metrics on test progress, component stability, and top defects, helping showcase QA areas for focus.
- Autonomously created and executed performance test scenarios in JMeter for scale, volume, load testing, pinpointing bottlenecks.
- Conducted post-release retrospective working with developers to capture lessons learned for the test / release processes to apply continuous improvement principles.

Denukan Network Limited**Lagos Nigeria***Software QA Engineer**(May 2022 - June 2023)*

- Created and executed software test plans, test cases, and scripts to identify software issues within a Core Banking App.
- Significantly improved the organization's finance application efficiency by 30% and successfully reduced customer complaints to a significant degree.
- Implemented and maintained automated testing frameworks using tools such as Cypress, Appium and TestNG.
- Implemented measures that resulted in a 15% decrease in the IT workload.
- Identified and reported bugs in the development of different web, android and iOS mobile applications.
- Ensured comprehensive testing of APIs by automating them with Postman and Newman.
- Implemented Test-driven Development (TDD) process within the software team, This approach led to improved code quality, enhanced software functionality, and increased programmer productivity.
- Established early testing in the development cycle.
- Effectively communicated with the software design team by leveraging my programming knowledge, earning their respect and establishing myself as a valuable team member.
- Established a standardized process to define clear testing expectations for developers, ensuring accountability for their work on the non-functional level.

Edusko**Lagos Nigeria***Software QA Engineer**(January 2021 - May 2022)*

- Played a crucial role in the successful development and launch of Edusko versions 2.0 and 3.0, contributing to increased user satisfaction and a significant percentage growth in active user base.
- Developed and executed comprehensive test plans, resulting in around 30% reduction in critical defects in both versions, enhancing overall software stability and performance.
- Collaborated closely with the development team to implement an efficient automated testing framework, resulting in a 40% decrease in testing time and improved release cycles.

- Identified and reported 100% of high-severity bugs during the testing phase, ensuring a smooth and almost error-free user experience in both versions of Edusko.
- Implemented rigorous performance testing methodologies, leading to a 15% improvement in application response time and a 25% reduction in server resource utilization.
- Actively participated in cross-functional team meetings and provided valuable insights on user requirements, resulting in a 10% increase in feature adoption and customer satisfaction.

Dornier MedTech

Atlanta United States

Associate QA Engineer

(May 2020 to June 2021)

- Executed software usability tests to ensure a user-friendly experience.
- Analyzed test results for database impacts, errors, bugs, and usability.
- Prepared reports covering all aspects of software testing and communicated them to the design team.
- Engaged with clients to understand their product requirements and used Miro to break them down for efficient test case creation.

SOFTWARE AND TOOLS

- **Test Automation Tools:** Cypress, Playwright, Appium, Postman and Newman, JMeter (Advanced Groovy scripting), Blazemeter, Cucumber
- **Programming and Scripting Languages:** Java, JavaScript, Groovy
- **Continuous Integration and Deployment:** Jenkins
- **Software Testing and Methodologies:** SQA Testing and Methodologies, Mocha and Chai
- **Project Management and Collaboration Tools:** JIRA, Zephyr Scale, Miro, Trello
- **Platforms and Online Tools:** TenjinOnline

EDUCATION

Lagos State Polytechnic

Mechanical Engineering

(2014 -2019)

TRAININGS

- Java Programming and Software Engineering Fundamentals
- Programming with JavaScript
- The Complete 2024 Software Testing Bootcamp
- Postman: The Complete Guide - REST API Testing
- JMeter - Master Performance and Load Testing (Basics + Advanced)
- Master JMeter from Basics (Performance, Load, and API Testing)
- The Complete Cypress Course - Automation Testing Bootcamp
- The Complete Cypress Course - Automation Testing Bootcamp
- XPath Tutorial from Basic to Advanced Level
- Cypress with Cucumber BDD - Automation Testing Bootcamp
- Appium - Mobile Testing (Android/iOS) from Scratch + Frameworks
- Mobile Automation with Appium 2.0 and WebdriverIO