TONYE TOFFAN

QUALITY ASSURANCE ENGINEER
SDET

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PROFESSIONAL SUMMARY

Software Quality Assurance Engineer with over 3 years of experience in high-trust domains including fintech, SaaS banking, and Web3 protocols. Proven track record of transitioning manual regression bottlenecks into scalable, automated testing frameworks using Cypress, JavaScript, and Postman. Adept at managing defect lifecycles, optimizing CI/CD pipeline execution, and bridging the gap between development and quality to deliver highly reliable, production-ready systems.

TECHNICAL SKILLS

Test Automation	Cypress · Playwright · Newman (CLI)
API Testing & CI/CD	Postman · Jenkins · GitLab CI · Swagger
Languages	JavaScript · TypeScript
Methodologies	Agile/Scrum · JIRA · GitLab · Trello · Chrome DevTools
Domains	Fintech · E-Commerce · Web3 · DeFi Protocols · Crypto Wallets

WORK EXPERIENCE

Digicore Limited

Lagos, Nigeria (Hybrid)

Software Quality Assurance Engineer

July 2023 – Present

- Architected and maintained a modular UI automation framework using Cypress for a critical SaaS business banking application, drastically reducing manual regression cycles.
- Optimized API automation script logic to prevent redundant test data generation, restricting fresh data creation to two strictly defined scenarios to eliminate database bloat and pipeline timeouts.
- Integrated automated test suites into Jenkins and GitLab CI/CD pipelines to ensure deterministic testing and zero critical regressions in production deployments.
- Managed and triaged over 200 defects via GitLab, providing highly reproducible test steps and error logs — achieving a 98% bug resolution rate.
- Conducted rigorous cross-platform manual testing for complex financial workflows, capturing edge cases that automated suites could not cover.

KEY PROJECTS

Lucid — SaaS Internet Banking Platform

QA Automation Lead

- Led quality assurance for core banking features, catching and reporting 90% of critical defects prior to production deployment.
- Validated secure transaction flows, payment gateway integrations, and data integrity under concurrent user loads.

AIICO Insurance Platform (Web & Mobile)

QA Engineer

- Executed end-to-end testing of complex policy subscription and claims workflows across web and mobile platforms.
- Contributed to a 95% reduction in post-release defects by enforcing strict regression testing protocols prior to major feature merges.

Web3 & Crypto Protocol Validation

QA Engineer

- Conducted testnet validation for decentralized protocols, including the Data Ownership Protocol (DOP).
- Executed lending, borrowing, and liquidity provision tests on DeFi platforms (Kamino, MarginFi, Parcl) during highly volatile network conditions.
- Validated smart contract interactions and UI/UX consistency using MetaMask, Phantom, and TrustWallet.

EDUCATION

Niger Delta University

2016 – 2022

B.Eng. Petroleum Engineering · GPA: 4.45 / 5.00

CERTIFICATIONS

- The Full-Stack JavaScript Bootcamp
- Test Automation Foundations
- Programming Foundations: Software Testing/QA