Uwakmfon Edet

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SUMMARY

A QA Engineer with over five years experience working in the software industry. Experienced in testing web and mobile (iOS / Android) applications, as well as APIs. I have worked in different industries including eLearning, financial technology and financial services. Responsible for ensuring stability and quality of software systems by performing functional and non-functional testing, as well as writing automated tests for effective monitoring and reduction of repetitive tasks. Experienced in all phases of the software development life cycle including requirements gathering, project planning, defect tracking & management, and reporting to senior project stakeholders.

SKILLS

- **Automation Tools:** Selenium, WebDriver.IO, Appium, Cypress, Selenium IDE, Cucumber, Puppeteer, TestNG, Rest Assured
- **API Testing and Automation** – Postman/Newman, Jest, SOAP UI, Apache JMeter
- **Programming Languages:** JavaScript, Python, Java, C#, Ruby
- **Databases:** SQL Server, Oracle DB, MongoDB
- **Project Methodologies:** Agile(Scrum), Waterfall
- **CI/CD** Azure Devops,AWS, GitHub Actions, GitLabCI, Jenkins
- **Build Tools:** Maven, Gradle
- **Project and Test Management** – JIRA, Azure Boards, Azure Test Plans, TestRail, Trello.
- **Framework Environment:** Visual Studio Code, Eclipse, Visual Studio, WebStorm, PyCharm

EXPERIENCE

ANDELA - Software Test Engineer   Jan 2022 - PRESENT
CLIENT   - Coursera
Key Achievements

- Developed and implemented standard QA practices for the Core Learner's experience team.
- Refactored existing end-to-end tests for the frontend application to conform to standard using puppeteer and Page Object Model which led to 95% reduction in flakiness.
- Developed new end-to-end tests for critical flows on the frontend application to accomplish 99% test coverage using Puppeteer with Page Object Model.
- Developed end-to-end tests for backend application APIs using Jest.
- Integrated all tests for continuous deployment using AWS.

Responsibilities

- Design tests for new system functionalities.
- Execute functional and non-functional system tests in line with requirements and design.
- Report system defects and track for necessary resolution.
- identify needs and execute E2E tests for both APIs and frontend interfaces.
- Integrate executed E2E tests into AWS for periodic builds and reporting.
- Troubleshoot and report E2E test failures and follow up for adequate resolution
- Manage overall quality scorecard for the team by ensuring that high priority bugs are resolved within SLAs.

STANBIC IBTC BANK– Software Quality Assurance Engineer   Jan 2020 – Jan 2022
Key Achievements

- Developed and implemented the standard automation framework for the bank's web applications using Cypress and BDD with Cucumber.
- Developed and implemented the standard automation framework for the bank's mobile applications using Appium, Cucumber and Page Object Model (POM).

- Spearheaded the planning and execution of testing for the single sign-on solution of Stanbic IBTC Holdings. This module of the #appyness mobile application was fully automated and integrated to BrowserStack.
- Generated test scripts for existing legacy applications to meet regression test needs.
- Responsible for setting up the QA teams Git repository for source control and effective collaboration.
- Deployed all test scripts to the repository and added team members accordingly
- Effectively setup the build pipelines (using Azure pipelines), and integrated test scripts for continuous deployment.
- Developed and implemented training schedule for team members on the new test framework and its workability.

Responsibilities
- Collaborate with project managers and product owners to define project scope and establish project success criteria, as well as critical success factors.
- Develop test plans for new software projects.
- Identify test conditions, generate test cases, and execute manual tests in line with specified requirements and project risks.
- Monitor UAT environment stability and report irregularities to the DevOps team.
- Execute tests for new and enhanced features on all banking applications (Web, Mobile and API).
- Report software defects and follow up for adequate resolution and closure.
- Coordinate pilot tests for newly deployed software applications using a controlled audience before deployment to the live server.

INTERSWITCH GROUP – Implementation Engineer   **Oct 2018 – Jan 2020**
- Automated the process of onboarding merchants to the payment software, PayDirect.
- Determined system expectations of external stakeholders and provided high level support to system users.
- Certified Go-Live procedures for external integrations to Interswitch's payment gateway.
- Deploy newly built payment applications and performed integration tests for third party systems.
- Monitored and maintained the sandbox environment to ease external integrations to the hosted services and applications.
- Documented changes in the software architecture and made the same available to external clients.

VENTURE GARDEN GROUP – Quality Assurance Analyst   **Jan 2017 – Sep 2018**
- Built and deployed automated test scripts to minimize regression tests times.
- Collate and document user requirements for new software systems.
- Created test plans for intended test cycles, generated test scenarios, and test cases from user specifications.
- Prepared test environment and generate test date in readiness for a software test cycle.
- Executed system tests, documented results and reported software defects and follow up for resolution.
- Proposed improvements for gaps identified in the software development cycle.
- Automated test outcomes and make the same available to project stakeholders.
- Conducted training for users of a newly deployed software.

EDUCATION

- **University of Uyo** – Bachelor of Engineering in Computer Engineering   **2009 – 2014**

CERTIFICATION

- ISTQB Certified Tester, Advanced Level Test Manager, CTAL-TM   **2021**
- Certificate in IT, British Computer Society   **2019**
- ISTQB Certified Tester Foundation Level (CTFL)   **2018**
- Lean Six Sigma (Yellow Belt)   **2018**