SIYANDA MTHIMKHULU

QA Automation Engineer | TestOps Engineer | SDET

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PROFESSIONAL SUMMARY

Results-driven QA Automation Engineer and TestOps Engineer with 1.5+ years of hands-on experience in test automation, CI/CD integration, and end-to-end quality assurance across complex enterprise environments. Proven ability to design and implement robust test automation frameworks using Playwright and Python, migrate legacy test suites from Selenium to Playwright, and execute cross-browser testing strategies that reduced manual verification time by 40%. Experienced in Agile methodologies, BDD with Behave/Gherkin, API testing, and defect lifecycle management. Holds 8 industry certifications including AWS CCP, Azure AZ-900, and Salesforce AI Associate. Seeking QA Automation, SDET, or DevOps-aware QA roles in remote or hybrid environments.

TECHNICAL SKILLS

Test Automation: Playwright, Selenium WebDriver, pytest, Behave (BDD/Gherkin), TestNG
API Testing: Postman, Newman CLI, REST API Testing, API Test Automation, JMeter
CI/CD Pipelines: GitHub Actions, GitLab CI, Continuous Testing, Automated Test Pipelines
Programming: Python, Bash Scripting, JavaScript
Cloud Platforms: AWS (CCP Certified), Microsoft Azure (AZ-900), IBM Cloud, Oracle Cloud Infrastructure
Containerization: Docker, Podman, Kubernetes
Infrastructure as Code: Terraform
Test Management: TestRail, Jira, Defect Tracking, Defect Lifecycle Management, Test Case Management
Cross-Browser Testing: BrowserStack Automate, LambdaTest, Mobile Testing
ERP & Enterprise: NetSuite, Salesforce Commerce Cloud (SFCC), Salesforce OMS, Magento, Celigo
Version Control: Git, GitFlow, Bitbucket, GitHub
Methodologies: Agile, Scrum, TDD, BDD, Regression Testing, Smoke Testing, End-to-End Testing
Reporting: Allure Reports, HTML Test Reports, pytest-html
Operating Systems: Linux (Ubuntu, WSL2), Windows

WORK EXPERIENCE

TestOps Engineer | LoveHoney Group, UK (via Kinetic Skunk) — Remote   *January 2025 – Present*

- Designed and executed end-to-end automated test suites using Playwright, Selenium WebDriver, Behave (BDD), and Pytest across functional, regression, and UI test layers in multiple environments.
- Implemented BrowserStack Automate for cross-browser and mobile test execution, improving test observability and reducing manual verification time by 40%.
- Led integration and validation testing across Salesforce Commerce Cloud (SFCC), Magento, NetSuite, Celigo, and Order Management System (OMS) during the Amorana retailer transition.
- Validated procure-to-pay (P2P) and end-to-end order flow processes from Pixi to NetSuite, ensuring data consistency and order accuracy throughout the pipeline.
- Managed test cases, tracked defects, and coordinated sprint QA activities using Jira within Agile/Scrum delivery cycles.
- Collaborated with cross-functional DevOps, QA, and Engineering teams to strengthen CI/CD test automation pipelines, maintain production stability, and enhance release quality.
- Migrated existing Selenium test suites to Playwright, achieving faster test execution times and significantly improved stability.

Software Testing & Automation Intern | Kinetic Skunk — Cape Town, South Africa *July 2024 – December 2024*

- Developed a capstone automation project in collaboration with senior DevOps, Automation, and QA Engineering leads.
- Implemented robust CI/CD pipelines using GitLab CI, automating build, test, and deployment processes across project environments.
- Containerized applications using Docker to ensure consistent, reproducible test environments across development and QA teams.
- Built automated test frameworks using Selenium WebDriver, Behave (BDD), and Pytest for functional and regression testing.
- Designed, documented, and tested RESTful APIs using Postman and Newman CLI, ensuring API quality and coverage.
- Completed certifications in Microsoft Azure Fundamentals (AZ-900) and GitLab CI Fundamentals during the internship period.

PORTFOLIO PROJECTS

kaoz-qa-portfolio — QA Automation Framework | github.com/Siyanda-m2/kaoz-qa-portfolio *2025*

- Engineered a professional QA automation framework demonstrating end-to-end UI testing using Playwright with Page Object Model (POM) design pattern.
- Implemented API test automation suite covering full CRUD operations with retry logic, exponential backoff, and 30-second timeouts for CI stability.
- Configured GitHub Actions CI/CD pipeline that automatically executes 20+ tests on every push to main branch and uploads Allure test reports as build artifacts.
- Integrated Allure reporting with step-by-step breakdowns, severity classification, and automatic screenshot capture on test failure.
- Stack: Python, Playwright, pytest, GitHub Actions, Allure, REST API, Page Object Model.

CERTIFICATIONS

AWS Certified Cloud Practitioner (AWS CCP) | Amazon Web Services
Microsoft Certified: Azure Fundamentals (AZ-900) | Microsoft
Salesforce Certified AI Associate | Salesforce
Oracle Cloud Infrastructure 2024 AI Foundations Associate | Oracle
GitLab CI Fundamentals | GitLab
LambdaTest Playwright 101 | LambdaTest
Postman API Fundamentals | Postman
REST API (Intermediate) | HackerRank

EDUCATION

Diploma: ICT Applications Development | Cape Peninsula University of Technology (CPUT) *Graduated December 2024*

ADDITIONAL INFORMATION

Languages: English (Fluent), isiZulu (Native)
Portfolio: Siyanda-m2.github.io
Work Style: Remote-first, international team experience (UK-based client collaboration)
Interests: Test automation tooling, CI/CD engineering, cloud-native QA, open source contribution