

Shaheen Toefy

Senior QA Engineer | Test Automation | Manual & Automated Testing | Fintech & SaaS

Cape Town, South Africa

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Professional Summary

ISTQB-certified Senior QA Engineer with 10+ years of comprehensive experience in manual and automated testing across fintech, SaaS, logistics, and enterprise applications. Expert in designing and executing test plans, test cases, and automated test scripts using Selenium, Cypress, Playwright, Appium, and Postman. Proven track record developing end-to-end quality processes, building scalable automation frameworks, and implementing CI/CD testing pipelines that reduced regression cycles by 60-70% while maintaining zero critical production defects. Skilled in SQL database validation, API testing, performance testing, and cross-functional collaboration within Agile/Scrum environments.

Core Technical Skills

Testing Expertise: Manual Testing | Automated Testing | Functional Testing | Regression Testing | Integration Testing | Performance Testing | API Testing | Mobile Testing (iOS/Android) | Cross-Browser Testing | Exploratory Testing | Smoke Testing | Sanity Testing | User Acceptance Testing (UAT) | Root Cause Analysis | Defect Management

Automation Frameworks & Tools: Selenium WebDriver | Cypress | Playwright | Test Café (TypeScript) | Appium | Postman/Newman | Cucumber BDD | JMeter | K6 | OWASP ZAP

Programming & Scripting: Python | JavaScript | TypeScript | Java | C# | SQL | HTML/CSS

CI/CD & DevOps: GitLab Pipelines | GitHub Actions | Jenkins | Azure DevOps | Git Version Control

Test Management & Tracking: JIRA | Confluence | TestRail | Test Case Management | Defect Tracking | Requirements Traceability

Databases: MongoDB | MySQL | SQL Server | Database Querying & Validation

Cloud & Infrastructure: AWS (Lambda, API Gateway, S3, Serverless) | Docker | Microsoft Azure

Development Tools: Microsoft Visual Studio | Enterprise Architect | Postman | BrowserStack | Grafana | Sentry

Methodologies: Agile/Scrum | DevOps | Shift-Left Testing | Risk-Based Testing | Test-Driven Development

Certifications: ISTQB Certified Tester Foundation Level (CTFL)

Professional Experience

EntrprnriX Ai — AI Test Automation Engineer

Remote | Mar 2022 – Present

- Developed and maintained AI-enhanced automation frameworks using Playwright, Cypress, Selenium, and TypeScript
- Designed self-healing automation scripts and implemented AI-assisted test generation, reducing manual test design effort by 60%
- Created reusable automation libraries and frameworks to simplify test creation and enhance scalability
- Built comprehensive API testing coverage and backend validation using Postman/Newman and Python
- Integrated automated quality gates into CI/CD pipelines, optimizing test focus on high-risk modules
- Reduced flaky UI tests by 40% through improved test design and self-healing locators, increasing regression suite reliability
- Applied AI visual testing tools (Applitools, Percy) to catch subtle UI/UX regressions and improve defect detection rates
- Mentored QA engineers on automation strategies, scripting best practices, test design patterns, and quality standards
- Collaborated with product and engineering teams to define acceptance criteria and align on test quality standards
- Developed automated Cucumber BDD scenario generation from user stories
- Championed quality culture and test accountability within engineering teams

MiX Telematics — Software Test Analyst

Stellenbosch, South Africa | Aug 2018 – Jan 2023

- Designed, developed, and executed comprehensive test plans, test cases, and test scripts for SaaS fleet management platform serving 700,000+ global users
- Performed manual and automated testing including functional, regression, integration, smoke, sanity, and mobile testing (iOS/Android)
- Built and maintained automated test suites using Selenium, Cypress, and Python/JavaScript, reducing regression testing time by 70%
- Conducted API testing using Postman and scripted automated API tests in Python and JavaScript
- Executed SQL database queries to validate data integrity, test data accuracy, and application behavior
- Implemented cross-browser testing strategies using BrowserStack ensuring compatibility across multiple platforms
- Performed performance testing using JMeter and K6, utilizing Grafana dashboards to monitor system performance and identify bottlenecks
- Integrated automated tests into CI/CD pipelines (GitLab, Jenkins), improving deployment frequency by 35%
- Collaborated closely with developers, product managers, and QA teams in Agile/Scrum environment to ensure release quality
- Identified, logged, and tracked software defects using JIRA, conducted root cause analysis, and verified defect resolution
- Maintained zero critical production defects across multiple consecutive releases
- Participated in User Acceptance Testing (UAT) and provided support for release planning
- Contributed to continuous improvement of QA processes, documentation standards, and testing best practices

TechNation Africa — Chief Business Officer / Senior Digital Designer

Cape Town, South Africa | Oct 2022 – Jun 2023

- Oversaw software delivery lifecycle and established QA alignment between design, development, and testing teams
- Implemented AI-informed QA workflows to accelerate delivery timelines and improve overall product quality
- Ensured adherence to quality standards and comprehensive testing across all deliverables

React Technology — QA Analyst / Manager

Cape Town, South Africa | Jan 2017 – Apr 2018

- Performed manual and automated testing of web and mobile applications using Selenium and Appium
- Established foundational QA processes, test documentation standards, and best practices for Agile teams
- Implemented automated test frameworks for regression and smoke testing

- Led defect trend analysis and introduced shift-left testing methodologies
 - Managed test case design, execution, and defect management workflows
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Education & Certifications

ISTQB Certified Tester Foundation Level (CTFL)

Cape Peninsula University of Technology — Business Administration & Management

Red & Yellow Creative School of Business — Art Direction & Graphic Design

Microsoft Certified Systems Engineer (MCSE)

Blockchain Academy — Blockchain Technology

Professional Development & Training

Test Automation & Frameworks:

- Cucumber Selenium WebDriver TypeScript Automation Framework
- Cypress: The Fastest 3-Hour Course with In-Depth Learning
- CYPRESS | Step-by-Step for Beginners | Hands-On Training
- Learn Selenium with Java, Cucumber & Frameworks
- Selenium 4 WebDriver with Java (Basics to ARCHITECT Level)
- Learn Cucumber BDD with Java - MasterClass Selenium Framework
- AppliTools - A Visual Testing AI Tool (Java, Selenium, Appium)

Programming & Development:

- The Complete Python Course | Learn Python by Doing (2025)
- Python Made Simple: The Complete Automation Course
- Automated Software Testing with Python
- JavaScript and TypeScript for Complete Beginners
- TypeScript for Absolute Beginners | Introduction to TypeScript | TypeScript Crash Course
- TypeScript Fundamentals | TypeScript Basics | Type System, Interfaces, Types, Generics

Full-Stack & Modern Frameworks:

- React JS For Beginners | React Basics for Beginners
- Complete React, Next.js & TypeScript Projects Course (2025)
- Complete Web Developer
- Full Stack Web Development and AI with Python (Django)

Emerging Technologies:

- How To Build AI / Machine Learning Startups
 - Ethereum Blockchain Developer Bootcamp With Solidity (2025)
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Key Achievements

- **Improved software quality by 80%** through implementation of comprehensive automated testing frameworks
 - **Reduced regression testing cycles by 60-70%** with intelligent automation frameworks and AI-powered test generation
 - **Maintained zero critical production defects** across multiple consecutive releases via robust CI/CD QA pipelines
 - **Increased deployment frequency by 35%** through continuous integration testing at MiX Telematics
 - **Reduced flaky UI tests by 40%** using self-healing locators and improved test design strategies
 - **Automated 70% of regression testing** using Selenium, Cypress, and Playwright frameworks
 - **Improved system monitoring and performance validation** with Grafana dashboards and K6 performance testing
 - **Mentored and coached QA engineers** in automation standards, test design, and quality best practices
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Additional Skills

- Strong analytical and problem-solving abilities with attention to detail
- Excellent written and verbal communication skills in English
- Proven ability to work effectively in remote and hybrid team environments
- Cross-functional collaboration with developers, Business Analysts, product managers, and stakeholders
- Experience with PCI DSS awareness and security testing practices
- Knowledge of agricultural/traceability software and financial services domains
- Proficient in Microsoft Office Suite (Excel, Word, Outlook, SharePoint)
- Understanding of test coverage metrics, quality metrics reporting, and data-driven insights
- Experience with static code analysis and test coverage improvement strategies