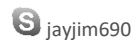


James Nyokabi

QA Solutions Architect



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Profile

In my 5+ years of experience in Quality Assurance Consulting, I have developed a deep understanding of software development life cycle, quality assurance techniques and processes as well as creating workable test automation strategies. I am competent in manual functional and security testing, test automation for functional, performance, and security and source code review.

EXPERIENCE

2016-Current

Test Manager and Solutions Architect | Tezza Business Solutions.

I am responsible for the entire QA Team which includes test analysts, automation engineers, performance engineers and security engineers. In my capacity as a Test Manager, I have achieved the following:

- ✦ Managed multiple projects to the clients' satisfaction. Most clients end up coming back and engaging us in other projects in their pipeline.
- ✦ Design and implementation of a talent management system that ensures new and existing employees are continuously improving their skills by publishing articles, proposing process improvement methods and taking online and internal courses.
- ✦ Designed and implementation of a test automation infrastructure, scripting and documentation standards as well as test data management strategies.

2014-2016

QA Solutions Architect | Tezza Business Solutions.

I carried out test automation, performance testing and security testing. In my capacity as a Solutions Architect, I achieved the following:

- ✦ Introduced weekly knowledge sharing sessions which improved team collaboration and provided a platform to nurture new ideas that led to process improvement
- ✦ I built capabilities in non-functional testing and code review which reduced cost by minimizing dependence on independent consultants
- ✦ Developed test automation frameworks, automation best practices and test automation strategies currently in use
- ✦ Designed Test automation, performance testing and security hands on training course for onboarding new resources

2013-2014

Software Developer/Consultant | Independent Consultant.

This was the beginning of my career. I developed web applications using PHP frameworks such as Laravel and unit test for my applications

Clients Included- Doban Africa, Buy kenya Build kenya, Techbiz-Thika

Client Portfolio

January 2018 to Date

Test Automation Manager | MKOPA SOLAR – MKOPA Net Project

I am responsible for implementing test automation tools and process improvement in order to reduce regression testing cycles.

- ✦ Design and implement test automation infrastructure
- ✦ Optimize existing manual test cases
- ✦ Lead automation efforts using Katalon Studio – Groovy Scripting language
- ✦ Develop strategies for test data managements
- ✦ Design and implement an integration solution of Katalon Studio and VSTS
- ✦ Optimize processes to ensure project schedule integrity
- ✦ Train the client automation principles and maintenance of the test scripts
- ✦ Manage Reporting to the client on the project progress, risks and mitigation techniques
- ✦ Developed and enforced best practices for QA architecture.
- ✦ Participated in design reviews and suggested improvements

January 2018 to Date

Test Automation Manager | Technekes – Dupoint

- ✦ Act as the client point of contact across all project issues related to the test concept, test specifications, test planning, test implementation and test results documentation
- ✦ Implementing test automation strategies and frameworks using tools i.e. Selenium, Katalon Studio
- ✦ Interface with customer and agree on testing plans and communication method
- ✦ Leading QA engineers and providing the necessary coaching and growth opportunities to build skills in test automation
- ✦ Ensure all test issues are documented and addressed
- ✦ Communicate project status internally and externally

Dec `17- Feb `18

Lead and Security Engineer | Central Bank of Kenya – EBond Trading Project

Lead QA team to perform Independent software quality assurance on Central bank of Kenya E-bonds trading system.

- ✦ Act as the client point of contact across all project issues related to the test concept, test specifications, test planning, test implementation and test results documentation
- ✦ Define testing needed to be performed for various software releases
- ✦ Create test plans, strategies and test scripts based on requirements documents for performance testing
- ✦ Carrying out penetration testing on the application in scope
- ✦ Ensure all test issues are documented and addressed
- ✦ Communicate project status internally and externally
- ✦ Create a final reporting detailing the issues identified, recommendations and remediation efforts required.

Jun `17 to Oct `17

Test Automation Manager | Technekes – Pioneer Planner

Responsible for coming up with test automation

- ✦ Act as the client point of contact across all project issues related to the test concept, test specifications, test planning, test implementation and test results documentation
- ✦ Implementing test automation strategies and frameworks using tools such as Selenium/Katalon Studio
- ✦ Design and implement test automation infrastructure
- ✦ Interface with customer and agree on testing plans and communication method
- ✦ Leading QA engineers and providing the necessary coaching and growth opportunities to build skills in test automation
- ✦ Ensure all test issues are documented and addressed
- ✦ Communicate project status internally and externally

Dec `16 to Jun `17

Lead/Security Engineer | CDSC – MAKIBA

- ✦ Led a team of QA Engineers in carrying out Independent quality assurance assessment for the world's first USSD Driven Securities trading platform MAKIBA
- ✦ Carried out quality audit on the application Infrastructure design and deployment through reviews and performance evaluations.
- ✦ Carried out penetration testing of the application and the infrastructure in line with international standards

Sept `16

Performance Test Engineer | Commercial Bank of Africa. – Corporate Internet Banking

Carried out performance evaluation on Corporate Internet banking using J-Meter as the performance testing tool and New Relic as the application performance monitor.

May `16

Security Engineer | Malawi Revenue Authority. – Penetration Testing

Responsible for carrying out Security Audit of the Malawi Revenue authority as part of compliance. The Test Involved

- ✦ Infrastructure security testing
- ✦ Application Security testing – DAST
- ✦ Network Assessment
- ✦ ICT Policy Review

EDUCATION

2009 - 2012

BSC, Computer Science, Dedan Kimathi University of Technology

Learned basic Computer Science principles, database programming, networking and developing Mobile apps, Web application and Utility programs.

2003 - 2007

KCSE, Kagumo High School

High school education where I graduated with a B+.

Other Trainings

2013	<p>ISTQB Foundation level, Tezza Business Solutions</p> <p>I learn testing principles and techniques, test strategies, various types of testing and testing terminologies, and software quality assurance methodologies</p>
2014	<p>Security Testing, Tezza Business Solutions</p> <p>I learnt hands-on infrastructure and application penetration testing. I was exposed to testing tools such as metasploit, nmap, checkmarx, veracode, burp suite amongst others.</p>
2019	<p>RPA with UiPath, UiPath Academy</p> <p>I learnt hands-on infrastructure setup through the solution architect UiPath and UiPath Developer certification..</p>

Skills and Proficiency

Skill	Tools	Techniques and Methodology
<i>Test Management</i>	SpiraTeam/SpiraTest, HP ALM,QTest,Clarive DevOps, TFS	Agile, V Model, DevOps
<i>RPA</i>	UiPath	
<i>Functional Test Automation</i>	Selenium, Katalon Studio, Appium, Robot Framework, Cucumber, HP-UFT, Postman,Codeception,	Framework development (Hybrid), Project Object Model design pattern
<i>Performance Testing and Monitoring</i>	Jmeter, NeoLoad, HP Loadrunner, New Relic, HP Sitescope	
<i>Security Testing</i>	Kali Linux, Metasploit Framework, Burp suite, Nessus, Nexpose, HP Web inspect, Acunetix, Checkmarx, Veracode,netcat,MobSF etc.	SAST, DAST and IAST(Tool Dependent)
<i>Issue Management and Bug Tracking</i>	Jira, Bugzilla , ALM's, Clarive,	
<i>Version Control</i>	Github, VSTS	
<i>CI&CD</i>	Jenkins, Gradle,Octopus, Docker etc	
<i>Virtualization</i>	Vagrant, AWS , Virtual Box, VMWare	
<i>Operating Systems</i>	Linux (Ubuntu, Fedora, Kali), Windows	
<i>Programming and Scripting languages</i>	Java, Groovy, Javascript, Python, PHP, VBScript	
<i>Databases</i>	MySQL/MariaDB, MSSQL	
<i>Team Facilitation</i>	Slack, Skype, Gotomeeting	Walkthroughs, Brainstorming, Walkthroughs, Reviews, Inspections, Status Updates

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