George Njau
Engineering Manager

I am an accomplished IT professional with 7 years of experience in Software Engineering, DevOps, Quality Assurance, and team management. Skilled in Docker, Kubernetes, and CI/CD. I lead and mentor engineering teams to achieve objectives and ensure software quality. As an Engineering Manager, I drive performance and foster continuous improvement. I develop robust QA processes and conduct performance tests. I excel in all stages of software development, emphasizing DevOps practices to optimize workflows. Seeking a challenging role to leverage my expertise in QA, DevOps, team leadership.

Employment History

QA Manager at Copia Kenya
MARCH 2023 — MAY 2024

- **Create** a comprehensive bug report process to enhance the accuracy and timeliness of defect communication.
- **Develop** and **implement** a comprehensive test strategy for large-scale software applications, reducing defects by 35%.
- **Lead** and **mentor** a team of 8 QA engineers, successfully completing major software projects on time and within budget.
- **Design** and **implement** automated testing frameworks, improving test coverage by 90%.
- **Utilize** exploratory testing to identify key defects that might otherwise be overlooked.
- **Establish** a defect tracking system to enhance bug fix tracking and overall software quality.
- **Develop** a risk-based testing approach to prioritize bug fixes and ensure software releases meet customer expectations.
- **Oversee** project planning, resource allocation, and timeline management to drive project success.
- **Coordinate** with cross-functional teams to ensure alignment on project goals and deliverables.
- **Conduct** performance reviews and provide feedback to QA team members, fostering professional growth and development.

SDET Performance Engineer at Safaricom PLC Group., Nairobi
AUGUST 2022 — MARCH 2023

- **Monitor** system performance, identify performance issues, and resolve them, resulting in a 35% improvement in overall system performance.
- **Identify** performance bottlenecks and **implement** performance tuning using Chaos Engineering to enhance system performance.
- **Establish** and **maintain** a comprehensive database of quality data and metrics for analysis and reporting.
- **Lead** a team of QA/QC engineers to successfully complete an audit of the company's quality and performance policies.

Details

Nairobi, Kenya
0720022933
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Links

LinkedIn

Skills

Quality Assurance

Python (Programming Language)

DevSecOps

Application Programming Interface (API)

Performance Testing

Software Quality (SQA/SQC)

Product Management

Performance Engineering

Database Analysis

Team Leadership

Data Science

- **Conduct** detailed inspections to ensure compliance with applicable regulations, specifications, and standards.
- **Perform** performance testing using K6 and JMeter for M-Pesa to achieve system stability and uncover performance-related issues.
- **Oversee** quality assurance processes to ensure continuous improvement and adherence to industry standards.
- **Coordinate** with cross-functional teams to align quality and performance goals with overall business objectives.
- **Train** and **mentor** QA/QC engineers, fostering a culture of excellence and continuous learning.
- **Develop** and **implement** performance monitoring strategies to proactively identify and address potential issues.

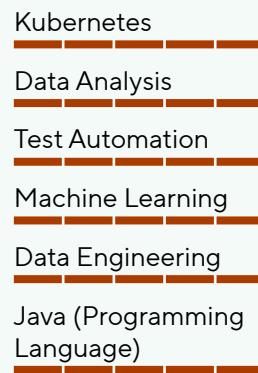## Senior Quality Assurance Engineer (Remote) at Appcues Incorporation, Boston
JUNE 2021 — JUNE 2022
- **Write** automated tests for the company's Chrome extension using Rainforest, increasing test coverage and reducing manual regression tests.
- **Perform** functional tests for new features released by engineers, including projects like Pins works, Button works, and Flow builder improvements.
- **Conduct** UI/UX tests to ensure the site is appealing and meets established standards and policies.
- **Create** a robust and efficient QA process, delivering quality features to end-users on time.
- **Spearhead** the bug triaging process to ensure timely and effective resolution of reported customer pain points by the engineering team.
- **Develop** the QA checklist, serving as a testing benchmark for all QA teams, improving consistency during beta testing of UI/UX features.
- **Oversee** the integration of automated and manual testing strategies to ensure comprehensive test coverage.
- **Collaborate** with cross-functional teams to align testing efforts with overall project goals and timelines.
- **Lead** training sessions for QA team members to ensure understanding and adherence to the new QA processes.
- **Analyze** testing outcomes and **implement** improvements to enhance testing efficiency and effectiveness.

Software Automation Engineer at Copia Kenya, Nairobi
SEPTEMBER 2019 — JANUARY 2023
- **Create** and **review** test cases, profiling them in preparation for automation.
- **Develop** automation scripts using Selenium and Katalon Studio to automate functional and regression tests.
- **Establish** CI/CD pipelines to automate the GO LIVE process.
- **Act** as the Assistant Scrum Master and **script** with Python and Java for Selenium.
- **Utilize** Appium and Selenium to automate test cases for three mobile applications.
- **Develop** test-driven and behavior-driven testing frameworks for web and mobile applications using Python and the Robot Framework.
- **Recruit** and **hire** talent and junior employees for the Quality Engineering team.
- **Develop** an integrated software platform to automate multiple business processes, increasing efficiency by 10%.
- **Oversee** the integration of automated testing within CI/CD pipelines to ensure seamless deployments.
- **Lead** and **mentor** team members in best practices for test automation and continuous integration.
- **Collaborate** with cross-functional teams to align testing strategies with overall project goals and timelines.

Kubernetes

Data Analysis

Test Automation

Machine Learning

Data Engineering

Java (Programming Language)

Languages
English

References
References available upon request

Hobbies
Reading , Travelling , Playing Football, Movies

- **Analyze** and **improve** testing frameworks to enhance coverage and reliability.

Lead Software Quality Analyst at Flexpay Technology Ltd;, Nairobi
JANUARY 2018 — AUGUST 2019

- **Oversee** performance testing for the Tuskys.com e-commerce platform and Flexpay's in-house platform using JMeter to ensure optimal performance.
- **Automate** test cases using Katalon Studio and Selenium scripts for various systems in Flexpay, enhancing efficiency and coverage.
- **Lead** project management efforts, ensuring the achievement of company objectives by overseeing all departments through an effective OKR/KPI tracking system.
- **Develop** and **execute** test plans, test cases, and test scripts to ensure the highest level of software quality.
- **Implement** and **manage** the software development life cycle (SDLC) to improve code quality and reduce development time.
- **Conduct** data analysis to identify performance bottlenecks and optimize system performance.
- **Integrate** data science techniques into QA processes to predict potential defects and enhance testing accuracy.
- **Collaborate** with cross-functional teams to ensure alignment between data science initiatives and QA processes.
- **Mentor** and **train** team members in data-driven QA methodologies and project management best practices.
- **Develop** and **monitor** metrics to assess the effectiveness of QA processes and data science implementations.
- **Drive** continuous improvement in QA processes by leveraging data insights and advanced analytics.
- **Coordinate** with stakeholders to define project requirements, timelines, and deliverables, ensuring successful project execution.

Software Engineer and Designer at C. W. William Community Health Care & Pulmonary Clinic;, Nairobi
MAY 2018 — AUGUST 2018

- **Create** system wireframes and mock-ups for client projects, including cwwilliams.org and pulmonaryclinicpc.com.
- **Design** the front end using Bootstrap and WordPress, ensuring a responsive and user-friendly interface.
- **Develop** the back-end communication and storage solutions using MySQL DB, ensuring data integrity and performance.
- **Set up** Jira boards for time and project tracking, enhancing transparency and efficiency in project management.
- **Develop** plugins for site portability and extend functionality using WordPress, improving user experience and site capabilities.
- **Integrate** data analytics to optimize front-end performance and user engagement.
- **Collaborate** with cross-functional teams to ensure alignment on project goals and deliverables.
- **Mentor** team members in best practices for front-end design, back-end development, and project management.
- **Implement** continuous improvement processes to enhance project workflows and deliverables.
- **Coordinate** with clients to gather requirements, provide updates, and ensure satisfaction with project outcomes.

Education

Master of Science at University of East London, Remote

FEBRUARY 2023 — JUNE 2024

Still In progress with my masters program

Bachelor of Technology at Technical University of Kenya, Nairobi

JANUARY 2013 — JANUARY 2017

Graduated with a grade of second class upper Division in Bachelors of Technology in Computer Technology

Kenya Certificate Secondary Education at Muhoho High School, Kiambu

FEBRUARY 2009 — NOVEMBER 2012

Graduated with a mean grade of B+

Psychology at St. Paul's University

Graduated with Distiction

Trained in team leadership and management styles