



George Njau Ngugi

Software Engineer

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Location : Kenya Nairobi

## Java / Python / QA / Devops / Team Lead

### PERSONAL SUMMARY

Kaizen is my Mantra meaning Continuous Improvement. In my 6 years of experience in the Software Engineering space i have worked as a QA, Python Fullstack Engineer on Odoo Erp and Java API Developer. Additionally i am conversant with Cloud Engineering.I worked with AWS on projects like Data ETL.Looking for an opportunity where i can contribute as a Full Stack Engineer, QA ,Devops or Data Engineer.

### Achievements

- Created Appium Mobile automation framework(python) as well as Robot-framework
- Developed Java Application with Spring
- Molded the culture of Performance testing.
- Devops Infrastructure management on aws
- Trained and mentored Engineers on SDLC
- Database Administration by creating cron jobs to automate manual tasks.
- Extended Odoo Erp functions with Python.

### SKILLS

- API Coding Java Spring and Python.
- ETL Pipeline creation& Devops Eng AWS
- Frontend Dev Angular,React, typescript.
- QA expert in Automation and Manual Testing

### EDUCATION

#### The Technical University of Kenya

Bachelor of Technology in Computer Technology

Year : 2013 - 2017

Grade : Second Class Honours Upper Division

#### University of East London

Msc. Data Science

Year : 2023 - 2025(Ongoing)

#### Udacity College

Nano Degree in Data Engineering

Year : 2023 - June 2024

### WORK EXPERIENCE

#### Software Engineer at Copia Kenya (2019- Present)

- Completed creation of Appium framework for automation helping in regression testing saving testing effort by 2 working days.
- Managed a team of 8 QA's. Lead the team to advance in their career and timely delivery of company objectives for 2 years seeing some move from junior to snr.
- Developed restful API's to extend Odoo functions like ordering and sms Modules using Python. This helped make our ordering more customer centric.
- Wrote sql stored procedures in order to automate manual verification work.This helped save valuable man working efforts.
- Collaborate in an Agile way with cross-functional teams e.g Project owners, Software Developers helping deliver feature requests on time to customers.

#### Remote Software Engineer at Andela Inc (2021- 2024)

##### *Worked at Appcues Inc (Boston) and Safaricom Plc in that period*

- Created performance testing frameworks and metrics at Safaricom using Jmeter and K6 hence helping improve software resilience and Load speeds by 33%.
- Spearhead the bug triaging process to ensure effective resolution of reported customer pain points by the Engineering team at Appcues Inc reducing time to fixing bugs by 12%.
- Write automated test for Appcues Inc features like Pins Buttons and others using Rainforest tool hence reducing manual tests by 70%.
- Create ETL pipelines and data streaming using Nifi for QE Data-Lake at safaricom. This helped the management to have a one source of true and make decisions easily.

#### Lead QA Analyst at Flexpay Limited (2017- 2019)

- Manage Flexpay's OKR system and ensure all staff are aligned on the objectives per Quarter and created a software to manage it from scratch using Java and helped save cash to buy proprietary OKR tracking softwares.
- Tested Resful API for lipa Pole Pole using QA processes from Uat's, SIT's and ensured quality system with great processing/load speeds for the payments API.
- Implemented Database architecture design by optimizing the read and write using table indexes hence saving compute resources and load speeds of the app.
- Scrum master and project management of the tuskys.com E-commerce project under flexpay lipa pole pole gateway guiding the team to production in 2 months.

#### Founder / Chairman Manyaham Limited(2022- Present)

- Initiated Interest in a group of friends to start a company for saving to Buy prospective lands for resale and I am proud to see it running since 2022.
- As the Chairman i have provided guidance in the Running of the Company as well as oversee that all member contributions are accounted for efficiently.
- Helped the company purchase several Pieces of land and oversaw our asset value grow to over 2.5 Million shillings as the Chairman.
- Helped foster a culture of growth and saving within Manyaham Limited