

Raymond Korir

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EDUCATION

Bachelor of Science in Mathematics and Computer Science
University of Nairobi

Sep 2016 - Sep 2020

WORK EXPERIENCE

Software Developer in Test
Safaricom PLC

Jan 2021 - Present

- Drive transformations in testing through automation to achieve higher levels of efficiency and reduce software testing time.
- Implement software testing automation framework.
- Accountable for setting up and maintaining test automation tools.
- Responsible for designing comprehensive and well-structured automated test suites (Unit tests, system integration tests, Functional and Regression Testing – including backed APIs and mobile apps).
- I Automate web application testing using (Selenium and Cucumber), API (Rest Assured), USSD (Hover), Mobile Apps (Appium).
- Run automated test suites, analyze reports and share this with all stake holders
- Identify all software bugs and work with the developers and other stakeholders to close all the defects within stipulated timelines (end to end defect management lifecycle)

Software Engineer
Inuua Tujenge, Nairobi Kenya

Sep 2018 - Dec 2020

- Built, tested, and released product-facing features with stringent correctness and scalability.
- Java Spring boot application development while providing expertise in the full software development lifecycle, from concept and design to testing
- Deployed, and scaled with DevOps team (kubernetes/ Bitbucket/AWS).
- Worked with our frontend team to fine tune our REST API
- Collaboratively defined and prioritized projects and tasks
- I improved some existing source codes by ensuring clean and efficient codes.
- Helped less experienced engineers to grow and develop

ADDITIONAL EXPERIENCE

Goldman Sachs Virtual Experience Program Participant

Sep 2020

- Proactively engaged with stakeholders through the software development lifecycle (SDLC) of the projects
- Built a unified world-class platform for pricing, quoting and lifecycle automation in various FICC derivatives products.

PROJECTS

East Africa UNODC Hackathon 2020 *Cryptography, Blockchain*
Built Whistleblower platform using Blockchain Hyperledger Technology

<https://github.com/raymondfx/upTECHafrica>

PROGRAMMING LANGUAGES AND TECHNOLOGIES

Languages: Java, C++, Go, REST API, GraphQL

Technologies: Agile Methodology, Software Engineering, System Design, Databases (SQL, NoSQL), Testing (Selenium, Cucumber, Appium, Hover, Rest Assured), Monitoring (Grafana, Prometheus), Micro-Services (Docker, Kubernetes), Kafka, Cloud (AWS, Digital Ocean), CI/CD (Jenkins, TeamCity, Gitlab)