

# Maluki Muthusi

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## SOFTWARE ENGINEERING EXPERIENCE

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- **Savannah Informatics**

*Software Engineer*

Nairobi, Kenya

*Feb 2021 – June 2021*

- **Full Stack Developer:** Worked on Creating the Backend services and the frontend Flutter cross platform application.
- **Microservices:** Design Microservices for the health cloud application. Services for handling communications, sending email and text messages to users.
- **Flutter App Architecture:** Develop the architecture of Be.Well cross platform mobile app
- **GraphQL APIs:** Serve RESTful APIs through graphql API server

- **Savannah Informatics**

*Backend Developer*

Nairobi, Kenya

*August 2020 – January 2021*

- **Tests:** Increase code coverage from 20 to 95%. Test the business logic.
- **Code Deployment:** Make it easy to deploy code to production through use of docker.
- **Gitlab CI/CD:** Make the application stable by continuous running tests.

- **Network Trainee**

*Network Trainee*

ICT Centre UON

*June 2019 – September 2019*

- Configuring routers, switches, APs, and firewalls

## EDUCATION AND CERTIFICATIONS

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- **University of Nairobi**

*Bachelor of Science in Computer Science*

Nairobi, Kenya

*May 2021*

- **The Linux Foundation**

*JSNAD: OpenJS Node.js Application Developer*

Online

*June 2021*

- **Huawei Certifications**

*HCIA Network Security*

ICT Centre UON

*January 2020*

- **Huawei Certifications**

*HCIA Routing and Switching*

ICT Centre UON

*July 2019*

- **HarvardX**

*Crossroads: Entrepreneurship in Emerging Economies*

Online

*January 2020*

## TECHNICAL SKILLS

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**Languages:** Go, Dart, Kotlin, C, Java, Python, JavaScript

**Frameworks:** Android, GraphQL, Django, React

**Databases:** MongoDB, PostgreSQL, MySQL, Firestore

**Platforms and tools:** Flutter, Node.js, Linux, Google Cloud Platform, Firebase, Gitlab CI/CD, Github, git,  $\LaTeX$ , Docker, Kubernetes

## AWARDS AND ACHIEVEMENTS

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- Lead a team to winning Global ICT Competition 2019/2020. The competition is based on practical skills on computer networks and security.
- Won National ICT Competition 2019/2020. I was the top student in Kenya. The competition involves hands on skills assessment in network configuration and security. Topics include TCP/IP protocols, routing protocols, and securing networks. Link to the awards article

## ROLES

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- Lead Developer Students Club (DSC) at University of Nairobi. Key role is bridging the gap between theory and practical skills.
- Lead Huawei Campus Ambassador. Key role is to assist students to gain practical skills through certifications from Huawei University of Nairobi Campus.