Collins Kariuki Kuria

Software Developer
626 – 01001 – Kalimoni
Kenya

☎ : **+254 795 580723**

✉ : collins_kuria@students.uonbi.ac.ke

 : **https://github.com/collins-kariuki**

🌐 : **collins-kariuki.github.io/**

EXPERIENCE

Suiver Technologies , Software Developer

February 2020 - September 2020

Designed and implemented the Video on Demand cloud architecture on Amazon Web Services (AWS), increasing the number of **stream formats** from one to three (> 66%) and **resolutions** from one to four, a 75 % improvement.

EDUCATION

University of Nairobi,

BSc. Computer science

September 2018 - Expected graduation (Sept 2022)

Keen interest in Software Engineering and Algorithms.

Moringa School

February 2018 - August 2018

Completed Software Development Fundamentals.

Built a portfolio using Bootstrap.

Alliance High School

February 2014 - November 2017

Successfully Completed High School Education.

PROJECTS

Taaara - A Supermarket Self Checkout System.

Designed and implemented a check-out system using **RFID** tags and **Mpesa Daraja API for STK push and transaction verification.**
https://github.com/collins-kariuki/Taaara

Suiver - A video streaming social media app.

Design and deployment of the production environment using **Docker** containers.

Aws workflow - Video on demand

https://github.com/collins-kariuki/aws-workflow-video-on-demand

SKILLS

- **Python** - Django Framework.
- **C++** - Project Experience.
- **Amazon web services (AWS)** - Building VOD workflows, CDN distributions and Lambda Functions.
- **Arduino** - Circuit design, assembly and programming.
- **Javascript** - Vue Js.
- **SQL –** Postgresql and MariaDB. Design and Normalization of databases
- **PHP –** Integration with APIs.
- Html, CSS and Bootstrap

AWARDS

- **A– grade in the second year project for exemplary innovation, implementation and documentation.**
- **First Place(Gold medal) in LEGO (STEM)Robotics competition at the Green Gardens Highschool.**
- **Kenya National High school Science Congress 1st place for the development of an online high school library.**
- **Kenya National Music festivals –1st place Kiswahili Public speaking.**

LANGUAGES

English –Written and spoken proficiency .
Kiswahili –Written and spoken proficiency.

REFERENCES

Prof Daniel Orwa Ochieng

School of Computing - University of Nairobi

dorwa@uonbi.ac.ke