

MILLCENT MALINGA

m.malinga@alustudent.com | [LinkedIn](#) | millicentmalinga19@gmail.com | [Github](#) | [Website](#)

SUMMARY

I am a passionate software developer who found her love for technology after becoming a teenage mother. As a result, I am driven to create software that improves the overall wellbeing of African youth especially in child protection services and education for young people.

EDUCATIONAL BACKGROUND

African Leadership University – Kigali, Rwanda

January 2021 - August 2024

BSc. Computer Science

Data and Decisions; Communicating for Impact; Projects; Entrepreneurial Leadership

Introduction to Programming, Database Systems. Mathematical Foundations of Computing, Discrete Mathematics

African Leadership X - Kenya

May 2022 - August 2022

Cloud DevOps Engineering

Relevant Coursework: CI/CD Pipelines, Code as Infrastructure, Docker, Kubernetes, AWS Cloudformation, CircleCI

Nokia + BIT Scholarship - Udacity

January 10, 2022 - June 2022

Data Structures and Algorithms Nanodegree

PROJECTS

DAILY GOALS APP

- Successfully developed and deployed a basic CRUD Flask to-do app with a mysql database. The app was inspired by the Rich Habits of Rich People book and was done as part of the summative group assignment in the Python ([GITHUB REPO](#))

SCRATCH BOOTCAMP MARKETING

- I developed a bootstrap 5, and HTML 5 responsive web page to market Scratch tutorials that are designed for 5 year-olds, and deployed it on Netlify. ([Github Account](#))

UBWIZA

- Created [UBWIZA](#) (Github repo), using Python Flask to help connect Rwandan service providers in the beauty industry with mostly foreign nationals who are new to the country.

HLANGANISA

- Built Hlanganisa with a team of other 4 developers to connect skilled persons such as plumbers and barbers to customers, in order to improve their business processes.

MACHINE LEARNING APP

- Successfully built pipelines to deploy a microservice machine learning app integrating Kubernetes and Docker to demonstrate the integration of DevOps and Machine Learning.

DEPLOYING INFRASTRUCTURE AS CODE

- Created and deployed the automated creation of infrastructure using AWS Cloudformation where a Cloudformation stack was created for a 2-tier web app.

CONTINUOUS INTEGRATION AND DEPLOYMENT PROJECT

- Successfully developed a CI/CD Pipeline for developing, testing, configuring, and deploying a full stack Javascript app with a Postgresql database onto an AWS 2-tier web stack.

PROFESSIONAL AND VOLUNTEER WORK EXPERIENCE

Peer Counsellor - ALU Wellness Centre

October 2022 - Present

- Successfully uploaded and created 3 months' content for the [ALU Wellness Website](#).
- Partnered with students to create writing and podcast content for the website.
- Held peer-to-peer counselling sessions with students across the student body.
- Facilitated the orientation session for the ALU January 2023 cohort on the Wellness services and offerings.

Writer - [The Human Projects](#)

June 2020 - December 2020

- Published three blog posts on Human rights on the Human Projects blog, which has over 1 million audience reach.

Volunteer - National Aids Council

March 2020 - December 2020

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- Worked with the local community and delivered the Sista2Sista module to 50 young girls aged between 10 to 24 years to facilitate behavior change in women and lower HIV incidences.
- Developed and delivered learning material on HIV/AIDS, STIs, and sexual exploitation of vulnerable children.

Child Mentor - Plan International Zimbabwe

March 2020 - December 2020

- Provided Psychosocial support to a group of 50 young women and girls via Whatsapp.
- Reached out to over 400 thousand people with lessons on Child Protection and Positive Parenting through radio talk shows in collaboration with the Child Protection Team.
- Led a team of 10 volunteers in planning and successfully executing the International Day of the Girl Child commemorations in Bulawayo in 2020.

SRHR Youth Advocate - Community Working Group on Health

March 2019 - December 2020

- Delivered SRHR education to 50 children from 10 - 14 years and youth in Makokoba and Mzilikazi every month to reduce HIV incidence rates in Bulawayo.
- Successfully disseminated SHR education and distributed condoms to about 20 young men monthly.
- Planning and executing the International Aids Day celebrations in 2019, demonstrated condom use to men and women, and promoted female condom use to over 500 people.
- Represented young people at the 2019 budget planning meeting for the Ministry of Health and Childcare in Zimbabwe.
- Facilitated intergenerational focus-group discussions to foster positive parenting to protect young girls from HIV/AIDS exposure.

Business Operations Intern, Bulawayo

September 2019 - July 2020

NetroLabs Technologies - Zimbabwe

- Created and implemented a strategy that led to an increment of 80% in sales (highest recorded) by our branch in three months.
- Successfully negotiated a fixed price, instead of a varying one, with the courier company to ferry stock from Head Office to the Bulawayo office.
- Collaborated with the Brute Force team to provide project support to 15 graduating students a week to choose components suited to their projects, and they all graduated.

AWARDS

Best Presentation - ALU Circular Economy Hackathon

December 2022

Won the best presentation, and runner-up award at the ALU Circular Economy 3 day hackathon in December 2022 after designing a tech based solution for food waste management.

GHC22 Scholar

May 2022-May 2023

I was awarded the GHC2022 Scholarship to attend the biggest Conference for women and marginalised groups in tech sponsored by the AnitaB foundation.

Nokia x Udacity Scholarship

January 2022-September 2022

I won one of the 300 worldwide scholarships from Nokia to study Data Structures and Algorithms from Udacity.

SKILLS

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| • Python (Intermediate) | • Project Management |
| • Javascript - Intermediate | • Trello |
| • HTML, CSS Intermediate | • SQL |
| • Test Driven Development | • Microsoft Suite |
| • Google Suite | • DevOps |
| • Kubernetes | • Docker |
| • AWS EC2 configuration | |