



DONALD KIPLAGAT

SOFTWARE DEVELOPER | STEM INSTRUCTOR

ABOUT ME

A highly motivated and hardworking individual who works well under pressure and consistently meets deadlines and targets while delivering high quality work. I'm a responsible, committed and open-minded software developer as well as a STEM Instructor.

EDUCATION

2019 - 2023 Strathmore University

Bachelor of Business Information Technology

2018 - 2019 Moringa School

Fullstack Software Development

2017 - 2018 Strathmore University

Diploma in Business Information Technology

WORK EXPERIENCES

2019 - 2020 STEM Instructor, Tinker Education (EMCAST)

Worked as a STEM Instructor for students between the ages of 8 - 15 years. Below are a breakdown of my duties:

1. Preparation of class lessons and assignments.
2. Facilitating the teaching of STEM subjects which included but were not limited to Computer Science concepts such as algorithms, programming languages, computer graphics and human computer interaction.
3. Document students' attendance, participation and academic progress by giving and grading assignments, projects, quizzes and examinations.
4. Encourage collaboration amongst students and create a learning environment that promotes student involvement and participation.
5. Assist with miscellaneous projects as needed such as administrative support and training of new employees.

LANGUAGES

English
Swahili

TECHNICAL SKILLS

Python
Javascript
jQuery
Django
Flask
Postgresql
HTML, CSS, Git
Arduino

CERTIFICATES

IT Essentials

- Cisco Networking Academy

Introduction to Programming

- Moringa School

Fullstack Web Development

- Moringa School

INTERESTS

Acting and Music
Reading Novels and Comics
Video Games
Exercising
Cinema

PERSONAL SKILLS

Public Speaking
Leadership Skills
Good Customer Service
Creative Problem Solving
Strategic Planning
Adaptable
Patient
Compassion and Empathy

REFERENCES

Faith Thuita

Technical Mentor
Moringa School
faith.thuita@moringaschool.com

Mercy Muchangi

STEM Instructor
Tinker Education
merciemuchangi@gmail.com

Since
2018

Software Developer, Freelancing

Got contracted by numerous individuals and companies to design and develop websites that met their needs. My duties included:

1. Both front and back-end development.
2. Seamless UI/UX design.
3. Performing Search Engine Optimization (SEO) and integrating Google Analytics Tracking.
4. Prototyping
5. Site Deployment
6. Continuous support to my clients even after project completion for seamless transition.

Since
2018

Cultural Hub Member | Marketing Team Member, Khweva

Part of a cultural hub for nurturing artists where we are called upon from time to time to participate in promoting culture and arts through Theatrical, Musical, Orchestral and Dance performances. My duties include:

1. Being an actor and singer.
2. Providing technical support.
3. Designing Marketing Videos.
4. Advertising plus editing images for the purpose of promoting ticket sales.

AFFILIATIONS AND LEADERSHIP

2018 - 2019 **Moringa Core 12 Class Representative**
Moringa School

2015 - 2016 **Chairman, Leap Hub (Innovation Club by the Global Peace Foundation)**
Moi Forces Academy

VOLUNTEER ACTIVITIES

2018 **Assistant Receptionist, Thika Road Christian School**
Responsibilities:

- Record and upload student details to the Teachers Service Commission Website
- Transfer student data from hard copy to soft copy format.

2013 - 2016 **Volunteer Gardener, St. Charles Lwanga Catholic Church**
During school holidays, my responsibilities included:

- Tending to the church's garden.
- Cleaning the church.