

# KILALA DASHINA

Mary Knoll Ln, Masaki | Dar es Salaam, **Tanzania**

**Email:** kilaladashina@gmail.com | **Phone:** +255 715 812 733

**Engineering board Reg. No.:** GE966647

## PERSONAL DETAILS

**Age:** 24 years.

**Date of Birth:** 30<sup>th</sup> June, 1998.

**Gender:** Male.

**Marital status:** Single.

## PERSONAL STATEMENT

I am a highly-motivated and competent collaborator with domain knowledge in IT, computer science, telecommunications, data analysis, machine learning, and artificial intelligence. My career goal is to join an agile and dynamic organizations, where I can assist in different IT tasks. Having worked under different organizations with nearly similar roles, I can be relied upon to deliver the organization goals as intended.

## EDUCATIONAL BACKGROUND

### University of Dar es Salaam (UDSM):

Masters of science in Data Science (2021 to Current, **Dar es Salaam**).

- **Research:** Suitability analysis for common sunflower cultivation in Tanzania using geospatial and visualization techniques.
- **Capstone project:** Developing a machine learning model for Prediction of Malaria prevalence for public primary schools in Tanzania (for Ifakara Health Institute, IHI).

### Dar es Salaam Institute of Technology (DIT):

Bachelor degree of engineering in Electronics and Telecommunications Engineering (2018 to 2021, **Dar es Salaam**).

- **Final Year Project:** Footsteps power generator using piezo-electric sensors.

### Arusha Technical College:

Ordinary Diploma in Electronics and Telecommunications Engineering (2015 to 2018, **Arusha**).

- **Final Year Project:** Mobile signal detector and jammer.

### Green View Secondary School:

Certificate of Secondary Education Examination (2012 to 2014, **Mwanza**).

## WORK EXPERIENCE

### 1. Computer programmer (Intern) at eGovernment Authority (eGA) Dodoma, Tanzania (2020)

#### Roles:

- Developing and managing prototypes of proposed projects in computer programming and electronics.
- Collecting, managing and analyzing data to be used for developing the proposed projects.
- Full stack development of computing systems.
- Work progress reporting and presentation.

#### Projects:

- **Automatic patient queueing system:** main objective was to manage long patient queues that occur in public hospitals.
- **Automatic office self-check-in system:** main objective was to enable easy monitoring of movements in sensitive rooms that only authorized people were to enter.
- **Localized search engine:** main objective was to develop a search engine that can only fetch publicly available data and information related to the Tanzanian government upon the searched keyword.

### 2. Data enumerator (Intern) at Project Concern International (PCI Tanzania) Musoma, Tanzania (2018 and 2019)

#### Roles:

- Data preprocessing and entry for women empowered initiative project.
- Data quality assurance for women empowered initiative project.
- Database management.
- Work weekly reporting.

#### Project:

- **Women Empowered (WE) initiative:** main objective was to promote the economic and social empowerment of women through the formation of self-managed and self-sustaining savings groups.

### 3. Transmission support technician (Intern) at eGovernment Authority (eGA) Mwanza, Tanzania (2016, 2017 and 2019)

#### Roles:

- Preventive maintenance of networking equipment.
- Network alarms monitoring and handling.
- Network administration.
- Work weekly reporting.

#### Projects:

- **GSM (3G) antenna installation:** main objective was to improve the network coverage for Airtel subscribers to utilize.
- **Aviat Networks' links installation:** main objective was to upgrade the existing communication links within the Airtel network in lake zone.

## SKILLS

### General skills

- Computer programming.
- Data analysis and visualization.
- Database management.
- Network administration.
- Machine learning.
- Communication and Presentation.

### Technical skills

- **Operating systems:** Windows, MacOS, Linux.
- **Database/Servers:** MySQL, SQL server.
- **Programming languages:** Python, R, JavaScript, SQL, C, C++, HTML.
- **Other tools:** Ms Office, PowerBI, ArcGIS, QGIS, Packet tracer, Adobe creative suite.

## LANGUAGE

- **English** – Fluent.
- **Swahili** – Fluent.

## INTERESTS

- Sports.
- Gaming.
- Music.

## REFEREES

### Mr. Shabani Kinyogoli

**Position:** Data manager.

**Organization:** Africa Academy for Public Health.

**Tel:** +255 718 795 179

**Email:** skinyogoli@gmail.com

### Mr. Richard Aggrey

**Position:** Software developer.

**Organization:** Equity Bank Limited.

**Tel:** +255 658 040 597

**Email:** richardaggrey7@gmail.com

### Dr. James Chambua

**Position:** Post-graduate students coordinator and Lecturer.

**Organization:** University of Dar es Salaam – College of Information and Communication Technologies.

**Tel:** +255 658 968 922

**Email:** jchambua@gmail.com