KILALA DASHINA

Dar es Salaam, **Tanzania**

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

Portfolio Site: kdaxh.github.io

PERSONAL DETAILS

Age: 25 years.
Date of Birth: 30th June, 1998.
Gender: Male.
Marital status: Single.

PERSONAL STATEMENT

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

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 Airtel Tanzania Limited
     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.

PERSONAL PROJECTS

1. Customer Churn Analysis: (by Power BI)
[github.com/kdaxh/Customer-Churn-Analysis]
  The objective of this project is to develop a Power BI dashboard that can be used to evaluate a company's customer loss rate and help stakeholders make decisions on how to improve their products and services.

2. Basket Analysis: (by Power BI)
[github.com/kdaxh/Basket-Analysis]
  The objective of this project is to develop a Power BI dashboard that can be used to identify patterns of consumer behavior in any retail environment, to help retailors increase sales by better understanding customer purchasing patterns.

3. Point of Sale Database: (by SQL)

[github.com/kdaxh/Point-Of-Sale-Database]

The objective of this project is to develop a database where all records of payments/transactions made by customers within supermarket and stores are collected, saved, and aggregated to create reports.

4. Chesswahili:

[chesswahili.com]

The objective of this project is to develop a web-based platform where all Tanzanian chess players can track their ratings and progress from online chess gaming sites.

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, STATA, ArcGIS, QGIS, Packet tracer, Adobe creative suite.

LANGUAGE

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

INTERESTS

- ➢ Sports.
- ➢ Gaming.
- ➢ Music.

EDUCATIONAL BACKGROUND

University of Dar es Salaam (UDSM):

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

- ➢ **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**).

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

Miss Nurat Karamagi
Position: Data manager.
Organization: Cambridge Education Tanzania.
Tel: +255 718 775 171
Email: nurat.karamagim@gmail.com