KILALA DASHINA

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Dodoma, **Tanzania**

Portfolio Site: kdaxh.github.io

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 organization, where I can assist in ICT tasks. Having worked under different organizations with nearly similar roles, I can be relied upon to deliver the organization goals as intended.

PERSONAL DETAILS

Age: 26 years
DOB: 30th June 1998
Gender: Male.
Marital Status: Single.

SKILLS

General Skills

- Computer Programming.
- Big Data.
- Data Analysis and Visualization.
- Database Management.
- Network Administration.
- Machine Learning.
- Communication and Presentation.

Technical Skills

- **Operating Systems:** Windows, MacOS, Linux.
- **Database/Servers:** SQL Server, MySQL, PostgreSQL.
- **Programming Languages:** Python, R, JavaScript, SQL, C, C++, HTML.
- **Other Tools:** Microsoft Office, Tableau, PowerBI, STATA, ArcGIS, QGIS, Packet Tracer, Apache Superset, Adobe Creative Suite.

EDUCATION

Master of Science in Data Science:
(2021 to Present) **Dar es Salaam**
- **University of Dar es Salaam.**

Bachelor of Engineering in Electronics and Telecommunications Engineering:
(2018 to 2021) **Dar es Salaam**
- **Dar es Salaam Institute of Technology.**

Ordinary Diploma in Electronics and Telecommunications Engineering:
(2015 to 2018) **Arusha**
- **Arusha Technical College.**

Secondary Education [O-Level]:
(2012 to 2014) **Mwanza**
- **Green View Secondary School.**

WORK EXPERIENCE

1. **Data Scientist** – Judiciary of Tanzania.
   (2024 to Present) **Dodoma**
   Roles:

- Collect, clean, and organize judicial data from various sources, ensuring data accuracy and integrity.
- Analyze judicial datasets to uncover patterns, trends, and insights, using statistical and machine learning techniques to enhance judicial processes.
- Develop predictive models and algorithms to forecast case outcomes, prevent delays, and optimize judicial resource allocation.
- Create clear and impactful data visualizations to present findings to stakeholders.
- Provide actionable, data-driven recommendations to improve judicial efficiency and support decision-making for judges and court administrators.
- Implement robust data security measures, ensuring compliance with data privacy laws while maintaining optimized databases for analysis.

PERSONAL PROJECTS

1. **Chesswahili:** (JavaScript and Python)
[prodigies.chess.tz]
The objective was to develop a web-based platform where all Tanzanian chess players can track their ratings and progress from online chess gaming sites.

2. **Point of Sale Database:** (by SQL)
[github.com/kdaxh/Point-Of-Sale-Database]
The objective of this project is to develop a data warehouse where all records of payments/transactions made by customers within supermarket and stores are collected, saved, and aggregated to create reports

3. **Customer Churn Analysis:** (by PowerBI)
[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.

4. **Basket Analysis:** (by PowerBI)
[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.

2. **Sales Analyst** – Knauf Gypsum Tanzania.
(2023 to 2024) **Dar es Salaam**
Roles:
➢ Developing proper reporting tools/KPIs to measure the performance of sales department in terms of volume, price, DSO and contribution margin.
➢ Monitoring the overall sales team and customer performance.
➢ Preparing the annual sales budget (Volume and Price).
➢ Sales forecasting responsibility (Volume and Price) and ensuring high level of accuracy.
➢ Establishing the quarterly sales team objectives and KPIs.
➢ Managing the price change request and preparing a proper proposal to Managing Director.
➢ Preparing proper Customers Monthly/Annual discount scheme.
➢ Managing the financial operation of sales department in coordinate with related department.
➢ Represent the department and working with different departments to ensure the sales objectives.

3. **Computer Programmer** – eGovernment Authority (eGA).
(June to November 2020) **Dodoma**
Roles (Intern):
➢ 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.

4. **Transmission Technician** – Airtel Tanzania Limited.
(June to November 2016, 2017, 2018 and 2019) **Mwanza**
Roles (Intern):
➢ Preventive maintenance of networking equipment.
➢ Network alarms monitoring and handling.
➢ Network administration.
➢ Work weekly reporting.

LANGUAGES
1. English – Fluent
2. Swahili - Fluent

INTERESTS
1. Sports.
2. Gaming.
3. Music.

REFEREES

Mr. Shabani Kinyogoli
Position: Database Administrator.
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

DECLARATION

I hereby declare that all the information provided in this CV is true and correct to the best of my knowledge and belief. I take full responsibility for the accuracy of the details mentioned.

KILALA DASHINA