**Kelvin Maokola**

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**Personal Statement**

Kelvin offers 15 years of experience in Information, Communication, and Technology (ICT) with advanced qualifications in the field from reputable training institutions, both local and international. Kelvin has over the past 12 years worked in the health sector providing ICT support in different capacities. He has facilitated numerous computer trainings in rural areas including helping doctors in Continuous Medical Education for management of e-learning platform. He has experience in providing solutions and Management on ICT implementation, infrastructure, e-learning, e-government and ICT-related trainings in remote areas. He is friendly and resourceful ICT professional and Data Management professional with excellent ability to motivate others in ICT knowledge and implementation. He has the ability to communicate comfortably at all levels. Kelvin is a Certified Microsoft Professional.

**Education**

* 1998: Mtwara Technical Secondary School: Ordinary level certificate, Mtwara
* 2000 – 2002: Ndanda Vocational School, Metal Works attendance testimonial, Mtwara
* 2002 – 2003: Welding and Metal Fabrication Grade III, VETA, Dar es Salaam
* 2003: Certificate in Computer Maintenance and Repair, Desktop Computer Technology, Dar es Salaam
* 2005 – 2006: Diploma ICT Technician and Management, Desktop Computer Technology, Dar es Salaam
* 2007 – 2008: Advanced International Diploma (Computer Engineering), New Horizons Comp Learning Centers (Techno Brain), Dar es Salaam

**Other trainings:**

* 2016: E-government Infrastructure development and E-government Uptake, Dar es Salaam
* 2013: E-learning Technology Implementation, University of Dar es Salaam
* 2010: Microsoft Certified Professional (MCP), Microsoft E-Learning, Dar es Salaam

**Computer Knowledge**

* Window Servers 2000,2003,2008,2012
* Win 7, Window Vista, Win 8
* Window XP Professional
* Window 98, Window 95
* Microsoft Office 97,2003,2007
* Sql Server 2000, Visual Basic 6.0, LINUX
* Web Designing using Front Page
* Computer Maintenance, Computer Networking
* LAN and WAN
* System analyst and Design
* System Security
* Electronics devices Troubleshooting
* VOIP Telecommunication System
* Backup Systems software’s
* E-Commerce
* Accounting package (SUN SYSTEM)
* Apple OS maintenance and support

**Computer Skills (as IT Technician, 11 years)**

* User Training and Support
* Computer Troubleshooting and Repair
* Computer Security
* General Cleaning of Computer Hardware
* System Maintenance
* Configuration of Network (IP configure)
* Anti-Virus Software Update
* Internet Troubleshooting
* Server Management
* Office Equipment Management
* LAN Devices Management
* Prepare training materials for staffs
* Procurement of computer hardware and software
* Software Maintain and Installation
* Preparing ICT Department monthly report
* Computer Repair
* Networking cabling
* Underground Networking
* LAN Networking
* Networking Printers
* Internet maintenance
* Research and Field Working
* Implementing ICT solutions to Rural Areas
* Database Management
* Data Room management
* Customer Care
* Project management
* DISTRICT HEALTH INFORMATION SYSTEM (DHIS)
* MONITORING VSAT DISH IN 62 DISTRICTS (National Malaria Control Program)
* Telemedicine and E-learning
* ICT innovations to disadvantages areas
* E-records and E-government

**Work Experience (17 years of professional experience)**

**Founder and CEO of ROREGG HUG LIMITED**

**ICT consultancy company April 2021- to date**

**2.General Manager Pralena Network Limited, Dar es Salaam**

**February 2018-March 2020**

* Designing and Implement new company
* Oversee all activities in the company
* Designing company strategies
* Performing marketing activities
* Creating new ideas and system designing
* Coordinate ICT project to facilitate Tanzania challenges on Agriculture, Health, Education and Finance
* Administrate company daily activities
* Supervise all company departments
* Supervise company budget and implementation plan
* Motivate and train staff on execution of duties and responsibilities
* Administrate mobile payments systems and management of accounting packages
* Design, develop and implement cashew farmer’s registration system
* Design, develop proposal of e-learning system through mobile system to Rural Agriculture officers (Tunduru, Masasi) TEA Grant
* Attending different meeting with stakeholders in business
* Negotiate vendor’s contracts
* Management of transport timetable and drivers’ timetable
* Designing Farmers supply management system
* Social media management
* E-commerce management and implementation
* Graphics designs

1. **Data Manager: African Academy for Public Health (AAPH) Dar es Salaam**

**May 2017- December 2018**

* Designing and implementing data collection tool (ODK)
* Conducting training on how to collect HIV data using tablets
* Prepare SOP for data collection
* Running data cleaning
* Performing data analysis and report writing due to DAP
* Manage interviewers in field sites (Bukoba and Dar es salaam)
* HIV data management and ICT support (Mbogamboga project)
* Designing standard form for data collection and distribute to LGA
* Supporting M&E on data analysis
* Coordinate Data management trainings to R/CHMT members and LGA’s
* Running queries, arrangement of elements using DHIS2 and DATIM
* USSD and Android Data Collection Management
* Conducting DQA to Health Facilities (Kagera Region)
* Data linkage to referral system (Health center level, District level

1. **Senior ICT Technician/IT Manager, World Lung Foundation (Thamini Uhai)**

**April 2012-April 2016**

* Implementing and manage e-learning project to rural doctors facilitating CME /Connect rural doctors to weekly conference calls.
* Collaboration with Tanzanian Training Centre for International health (*TTCIH*) on designing, developing and implementing e-learning project for Maternal Health project in Morogoro, Pwani and Kigoma
* Experience on implementation and monitoring e-health and m-health systems to LGA’s
* ODK & Android software maintenance and management
* E-health Information systems support (DHIS)
* Telemedicine and medical images transfer systems management
* ICT budget preparation and Management

**Managing Teleconferences remote area**

An online eLearning platform was established in 2014. The learning sessions were hosted in a web-based eLearning application called Moodle. To address the challenge in internet connectivity in rural settings, Multi-Protocol Label Switching (MPLS) Virtual Private Network was installed in all supported facilities to enable users in remote facilities to connect with the application server in Dar es Salaam through laptops. Network Address Translation (NAT) enabled accessibility of the application through the web. Each facility was equipped with at least one laptop through the local contact person.

The eHealth platform had three components: mobile teleconsultations for obstetric emergency care; 2) an audio teleconferencing model; and 3) an online eLearning platform.

The mobile teleconsultation platform was designed to enable health care providers, working in Thamini Uhai-supported facilities, to call experienced obstetricians and discuss obstetric emergencies in which further guidance or advice was needed to help providers make the right decisions. Health care providers in the supported facilities and consultant obstetrician/gynecologists were connected through toll-free mobile phones by way of a closed user group. Duty rosters for consultant obstetricians were developed and all calls made for consultation were documented. This service was available 24 hours a day, seven days a week.

The project established an eHealth platform to support fifteen health facilities (ten upgraded health centers [HC], four rural district hospitals and one regional referral hospital) located in three regions (Kigoma, Morogoro and Pwani) in Tanzania. The project was launched by HE President Jakaya Mrisho Kikwete at Mwaya Health Center. See the picture below:

* <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5244514/>
* Facilitate referral system communication for Comprehensive Emergency Obstetric and Newborn Care services (Internet and Mobile)
* Experienced of working in rural areas to implement ICT infrastructure and provide computer training to FIRST beginners of IT skills (Kigoma, Pwani and Morogoro)

**Design, develop and implement of E-learning to rural and remote areas using computers, mobile phones and tablets** [**http://41.93.45.14/moodle/**](http://41.93.45.14/moodle/)

A total of four sessions were hosted in the eLearning platform. These included caesarean section, spinal anesthesia (which included two tailor-made education films), management of postpartum hemorrhage and neonatal resuscitation. This ‘virtual classroom’ also enabled health care providers to access presentations and up-to-date peer-review journal articles. The system also allowed registered users to use integrated online fora to share clinical challenges and successes with fellow colleagues and senior experts across the 15 health facilities.

* E-learning project management
* Designing and promote uses of ICT to public office (e-government and e-records)

1. **System Administrator/ ICT Coordinator, Ifakara Health Institute Dar es Salaam**

**April 2006-April 2012**

* Maintaining system
* Verify that peripherals are working properly
* Quickly arrange repair for hardware in occasion of hardware failure
* Monitor system performance
* Create file systems
* Install software
* Create a backup and recovery policy
* Monitor network communication
* Update system as soon as new version of OS and application software comes out
* Implement the policies for the use of the computer system and network
* Setup security policies for users.
* Documentation in form of internal wiki
* Password and identity management
* Coordinating ICT activities to all Institute branches (Bagamoyo, Rufiji, Dar es salaam and Ifakara.
* Introducing uses of Samsung tablets to data collection activities
* Data management using FoxPro
* MS access database management

1. Computer Technician, Desktop Computer Technology

January 2003- October 2003

* Computer repair and Maintenance
* Network installation
* Software installation and maintenance
* Supervising computer class and provide training to beginners
* Office computer repair

1. Internet Supervisor, WAN Communication -November 2003-October 2004

* Customer care
* Internet cafe supervision
* Maintain and repair all network infrastructure
* Computer maintenance and repair
* User support on international calls
* Emails accounts opening

**Partnerships and Collaborations**

1. Dar es salaam Institute of Technology (DIT)
2. Tanzanian Training Centre for International Health (TTCIH)
3. Ministry of Health and Social Welfare (MOHSW, ICT Telemedicine Section)
4. Tanzania Communications Regulatory Authority
5. Airtel Tanzania
6. Bloomberg philanthropies
7. Make 4 Mothers
8. SIDA
9. Helen Agerup (Sweden)

**Referees:**

1. Dr. Henry Mwanyika

Director, BID Initiative

PATH Tanzania

PO BOX 13600,

**DAR ES SALAAM**

Cell: O786356135

1. Zabron Abel

Tanzanian Training Centre for International health (*TTCIH*)

PO BOX 39

**Ifakara, Morogoro**

Cell: 0685059989

1. Dr. Gregory S. Kabadi

Tanzania Country Coordinator

Bloomberg Data for Health Initiative

Ministry of Health, Community Development Gender Elderly and Children

Monitoring and Evaluation

University of Dodoma, Faculty of Social Science

Building NO. 11, P.O BOX 143, **DODOMA** 40478

Cell: 0782127575