

**DANIEL MWENDA KINOTI**

**Address: 71-10105,**

**Naromoru, Kenya.**

**Mobile: 0702459307.**

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**Personal statement**

Expert microbiologist bringing top skills in sample handling, labeling and classification for testing accuracy. Handles and identifies specimens with care and attention to detail. Highly efficient, organized and methodical laboratory worker.

**Personal Details**

GENDER	Male
MARITAL STATUS	Married
Date of birth:	26 <sup>th</sup> March 1994
NATIONALITY:	Kenyan
LANGUAGE	English and Swahili

## **Education and Qualification**

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- **Jomo Kenyatta University of Agriculture and Technology (Sept 2013-Nov 2017)**  
Bachelor of Science (microbiology) second class honors upper division
- **Naro moru boys' Secondary school (Mar 2009-Nov 2012)**  
K.C.S.E certificate B plain, 2012
- **Kimbo primary school 2008 (2001-2008)**  
K.C.P.E certificate attained, 327

## **Skills**

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- Laboratory equipment management skills- ability to learn and use complex laboratory equipment
- Sterilisation skills
- Aseptic technique skills
- Research and technical skills
- Well versed in Computer Packages Word, Excel, Access, Power-point, Internet
- Excellent written and oral communication skills.

## **Work experience**

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### **Jan 2020 to Date: Nanyuki water and Sanitation Company**

#### **Laboratory analyst**

- Carrying out water quality surveillance from entry point to consumer point and water quality.
- Conducting microbial testing analysis of water samples in accordance to standard operating procedures, techniques, national, international and industry standards or client's guidelines.

- Ensuring that all activities are carried out in compliance with the laboratory's QA/QC system and more especially ISO/IEC 17025. In addition, ensure GLP compliance where applicable.
- Develop quick response to trouble spots with respect to water borne diseases/other emergencies.
- Adhere to health and safety measures in regard to general hygiene, sample testing, sample retention, disposal/destruction.
- Responsible for housekeeping in the laboratory and ensuring that work is carried out in a clean and safe environment.
- Carry out pollution control (land, water and air) exercises through effluent monitoring and industries visits.
- Collect, analyze and disseminate water and waste water quality data documentation.
- Administers and directs all laboratory activities on quality assurance control, research and technical investigation.
- Processes and interprets quality assurance data as well as networking and teamwork.
- Record and share results of the analysis and advice corrective action as appropriate.
- Responsible for taking corrective action in a timely manner to mitigate potential water related hazards.
- Assist in preparation of departmental annual budget, work plans and procurement plans.
- Prepare and submit monthly, quarterly, and annual reports on strategy and planning;
- Sanitizing lab supplies to avoid cross-contamination.
- Conducted experiments under defined conditions to verify or reject various types of hypotheses using refined scientific methods.

**Sept 2018- Dec 2019 County government of Laikipia**

**Water quality and pollution control officer intern,**

- Inspection of borehole water quality
- Laboratory testing and analysis of water samples Inspect sites where discharges enter state waters

- investigates complaints concerning water pollution problems
- Inspect wastewater treatment facilities at sites, like mobile home parks, sewage treatment plants plus other sources of pollution
- Inspect lagoons area where effluent enters state waters for such features as obvious discoloration of water, sludge, algae, rodents and additionally other conditions
- Inform owner when unacceptable or questionable conditions are present recommends corrective action
- Notify mobile laboratory technicians when sampling is required
- Advise property owners, facility managers, and also equipment operators concerning pollution control regulations
- ·Compile information for pollution control discharge permits
- ·Prepare technical reports of investigations.

**2016May –Aug 2016 Kenya agriculture and livestock research organization (KARLO)**

### **Attachment**

- Prepares media, buffers, and other reagents used for genetic and genomic analysis;
- Maintains accurate records of laboratory and field samples collection items, including consumables;
- Oversees the ordering of consumables, liaising with supervisors as required;
- Ensures safe handling and storage of laboratory supplies;
- Works with the supply chain unit (e.g., store) to assist delivering supplies and new equipment to the laboratory;
- Maintains accurate records of laboratory activities and prepared reports as per supervisor requests
- Tissue culture lab: this involves growing of banana plant-lets using aseptic techniques, involved in media preparations, ex plants preparations, inoculations, sub culturing, steam soil sterilization and hardening nursery management.

- Analytical lab: proximate analysis of animal feeds and raw materials from feed manufacturers.
- Entomology lab: biological control of macadamia major pest, macadamia stink bug *Bathycoelia distincta*. This involved collecting and incubation of the southern green stink bug *Nezara viridula* eggs for *Trissolcus* parasitoids
- Enteropathogenic Nematology Lab: this involved rearing and maintaining nematodes that are being tested as biological controls of horticultural crop pest.

### **Undergraduate research**

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- Researched on characterization of bacteria in bottled drinking water
- Interested in doing antimicrobial properties

### **Key strength**

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- Independence- Ability to perform highly independent work, make independent decisions and resolve underlying problems
- team leader-passion for learning/sharing knowledge and troubleshooting
- ability to receive or convey information efficiently
- Excellent interpersonal and communication skills, including the ability to write clearly and succinctly for a range of audiences including academic publications
- Meticulous attention to detail.
- Time management.

### **Referees**

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Mr. STEPHEN WAMBUGU

Water production manager,

Nanyuki water and Sanitation Company,

Mobile no: 0726001617

Email: swambugu298@gmail.com

Mr. ROBERT MWORIA.

Director water

County Government of Laikipia,

Mobile no: 0724649177

MS. Caroline Kihonge

Human resource and administration manager

Nanyuki Water and Sanitation Company

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