

CARRICULUM VITAE

1. PARSONAL PARTICULAR

SURNAME: MKUMBUKWA

FIRST NAME: HADIJA

OTHER NAME: AMIRI

DATE OF BIRTH: 19 November, 1996

Nationality: Tanzanian

Sex: Female

Marital status: Single

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Language: English & Swahili

2. KEY QUALIFICATION

BACHELOR DEGREE IN WATER RESOURCES AND IRRIGATION ENGINEERING

Relevant courses: Hydrology, Water supply and Drainage design, Soil and water conservation, Irrigation system design, GIS and Remote sensing, Hydraulic structures, Water treatment technology and Monitoring and Construction of water and wastewater system.

3. EDUCATION BACKGROUND

YEAR	DESCRIPTIONS
2021- 2025	Water Institute (WI) Tanzania Award: Bachelor degree in water resources and irrigation engineering

2018- 2021	Water Institute (WI) Tanzania Award: Diploma in water quality laboratory technology
2018-2018	Mlimani Driving Award: certificate of driving (class D)
2015-2016	Korogwe Nursing Training Collage (KNTC) Award: Certificate in community hearth worker
2011-2014	Msaje secondary school Award: certificate of secondary education

4. WORK EXPERIENCE HELD

➤ August – October 2024

Field work at: Arusha urban water supply and sanitation authority (AUWSA)

Position: Trainee

Activities involved: Design of water supply system, Pump sizing, surveying, water quality analysis, Installation of gate valve, sluice valve and air valve, curing of water tank, installation of water pump, installation of new connection, operation and maintenance of submersible pump, leakage maintenance, to conduct land survey, preparation of materials required for pump installation, pump test, construction of domestic water point, cutting GS pipe and trading, and water management.

➤ August – October 2023

Field work at: Handeni trunk main water supply and sanitation authority (HTMWSSA)

Position: Trainee

Work involvement: Soil moisture measurement, water distribution system, Drilling of borehole, curing of water tank, installation of water pump, installation of new connection, operation and maintenance of submersible pump, leakage maintenance, to conduct land survey, preparation of materials required for pump installation, pump test, construction of domestic water point, cutting GS pipe and trading, water management and irrigation design.

➤ **August – October 2022**

Field work at: Handeni trunk main water supply and sanitation authority (HTMWSSA)

Position: Trainee

Activities involvement: Drilling of borehole, curing of water tank, Data analysis, technical drawing, installation of water pump, installation of new connection, operation and maintenance of submersible pump, leakage maintenance, to conduct land survey, preparation of materials required for pump installation, pump test, construction of domestic water point, cutting GS pipe and trading. Irrigation design, water supply design and environment sustainability.

➤ **August – October 2020**

Field work at: Tanga urban water supply and sanitation authority (TANGAUWASA)

Position: Trainee

Duties involvement: Working as a laboratory technician of water quality and performing different analysis of physical and chemical parameters such as turbidity, electrical conductivity, chlorine, hardness, color, P^H , and etc. in raw water and water treatment. Also performing bacteriological analysis to determine the presence of fecal coliform and total coliform in water before treated and after treated and performing water quality monitoring at different point of distribution line to ensure water that reach to customer is free from contamination.

➤ **July – October 2019**

Field work at: Handeni trunk main water supply and sanitation authority (HTMWSSA)

Position: Trainee

Activities involvement: Working as a laboratory technician of water quality and performing different analysis of physical and chemical parameters such as turbidity, electrical conductivity, chlorine, hardness, color, P^H , and etc. in raw water and water treatment. Also performing bacteriological analysis to determine the presence of fecal coliform and total coliform in water before treated and after treated.

➤ **November 2018 – July 2021**

Practical work at: Water institute (WI)

Position: Trainee

Duties involvement: Working as a laboratory technician of water quality and performing different analysis of physical and chemical parameters such as turbidity, electrical conductivity, chlorine, hardness, color, P^H , and etc. in raw water and water treatment. Also performing bacteriological analysis to determine the presence of feacal coliform and total coliform in water. And performing other activities assigned by lecturers

➤ **April – July 2016**

Field work at: Chekelei dispensary and community

Position: Trainee

Involvement : Working as a community health worker and performing different activities such as providing palliative and rehabilitative care, mobilize community in civil activities participation, educating community on communicable and non-communicable diseases, acting as a bridge between hearth care provider and the community they serve, performing home visiting and case management and other work assigned by the supervisor

5. EXTRA CURRICULUM

Seminar for OCCUPATIONAL SAFETY AND HEALTH AUTHORITY (OSHA)

6. WORKING ABILITY AND INTERPERSONAL SKILLS

- Design skills like water distribution systems, irrigation canal design, pump sizing.
- Ability in planning and carrying out job confidently.
- Preparation and standardization of solutions and chemical reagents.
- Ability to prepare dose for water treatment
- Able to plan independently, motivated and to perform work with minimal supervision.
- Quality control and assurances.
- Hard working
- Good communication skills: interpersonal communication skills, presentation skills, writing and personal skills
- Leadership skills
- Able to change with environment (flexible)
- Eager to learn
- Experience in field notes and report writing.
- Creative

- Able to team works and individual work
- Capacity to work under pressure to meet deadline as well as mult-tasking.
- Engineering software like EPANET, GIS, Auto CAD

7. OTHER SKILLS

Knowledge in using computer application programs

- MS word
- MS Excel
- MS power point
- EPANET
- GIS
- Auto CAD

8. HOBBIES

- Travelling and tours
- Reading books and newspapers, watching movies and chatting with friends

9. WHY SHOULD I BE SELECTED

- Knowledge of pump sizing
- Water distribution system installation
- Surveying
- Knowledge of engineering in designing and construction of different systems
- Knowledge of laboratory, science and technology.
- Disciplined.
- Heartily willing to learn and utilize all my knowledge and skills.
- Can face challenges.
- Knowledge of health worker both in hospital and community.
- Participation in civil activities.

10.REFEREES

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