

**ERICK JIMMY MACHA**  
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## 1. PERSONAL INFORMATION

Full Name: Erick Jimmy Macha  
Sex: Male  
Marital Status: Single  
Date of Birth: 14<sup>th</sup> August 2001  
Nationality: Tanzanian  
Languages: Kiswahili and English

## 2. CAREER OBJECTIVE

Highly motivated and hardworking person with a strong foundation and understanding in Geographic Information Systems (GIS) and spatial data management process. Eager to apply my academic knowledge to support urban planning, environmental monitoring and infrastructure development.

## 3. EDUCATIONAL BACKGROUND

Program	Institution	Year
Bachelor of Science in Geographical Information Systems and Remote Sensing	Ardhi University Dar es salaam	2022 - 2025
Advanced Certificate of Secondary Education	Kilangalanga Secondary School	2020 - 2022
Certificate of Secondary Education (CSEE)	Edmund Rice Sinon Secondary School	2016 - 2019

## 4. SKILLS AND STRENGTHS

- Attention to detail and outstanding ability to work in a team
- Good networking, mobilization, coordination and communication skills.
- Strong organizational skills to manage multiple tasks and priorities effectively.
- Computer Skills; Microsoft Office application (Ms Database, Ms Word, Ms Excel & Ms Power point, GIS and Remote Sensing softwares (Arc Map, QGIS, ENVI, Sentinel Application Platform, Google Earth Pro, Google Earth Engine, R Studio, Erdas Imagine and Agisoft Metashape

## 5. WORK EXPERIENCE

### **TANZANIA NATIONAL PARK AUTHORITY HEAD QUARTERS (TANAPA) – ARUSHA (August 2024)**

#### **Key Roles**

- Performing the processing and analysis of Kilimanjaro National Park satellite image to produce Land cover and Land use map for interpretations by using GIS software.
- Preparing the coordinate points of investment area acquired for office work.
- Making of discussion and conduct design and update of new TANAPA INVESTMENT WEB GIS platform.
- Participate in image processing using GIS Software Agisoft Metashape acquired during park conservation activities by using drone.

### **KIBAHA PROJECT MUNICIPAL COUNCIL (JUNE 2023)**

#### **Key Roles**

- Integrating Remote Sensing, Gis and Photogrammetry techniques.
- Produce user accessibility map.

### **ILALA MUNICIPAL COUNCIL – DAR ES SALAAM (August 2023)**

#### **Key Roles**

- To update the previous maps and produce new maps of all wards located within Ilala district.
- Beacon erection on plots at different places around Ilala district's wards.
- Georeferencing and digitizing the Land Amendment maps of different places around Ilala district.
- Boundary restoration on plots at different places around Ilala district's wards.

## 6. REFEREES

Dr. Beatrice C. Tarimo, Lecturer, Ardhi University, P.O. Box 35176, Dar es Salaam. <b>Mobile:(+255 754 766 575)</b> <b>Email: <a href="mailto:betarimo@gmail.com">betarimo@gmail.com</a></b>	John Emil Njau Town Planner, P.O. Box 19, Igunga. <b>Mobile:(+255 625 475 605)</b> <b>Email: <a href="mailto:john.njau@lands.go.tz">john.njau@lands.go.tz</a></b>	Eng. Elibariki Lyaruu, Health, Safety and Environmental Officer, East Africa Logistic Services, P.O. Box 1683, Dar es Salaam. <b>Mobile: (+255) 755 169 328</b> <b>Email: <a href="mailto:elibariki.lyaruu@eals.co.tz">elibariki.lyaruu@eals.co.tz</a></b>
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