

## CURRICULUM VITAE

**EDDY MBURU MWANGI**

**Home address:** P.O BOX 155-20117

**Telephone:** +254 722 596 654

**Nationality:** Kenyan

**Sex:** Male

**Marital status:** Single

**Languages spoken:** English, Swahili (fluent in both spoken and written)

**Email:** [eddymmwangi@yahoo.com](mailto:eddymmwangi@yahoo.com)  
[Eddymigwi1@gmail.com](mailto:Eddymigwi1@gmail.com)

**Date of birth:** 22<sup>nd</sup> JUNE, 1991.

**ID. NO:** 28564473

### **EDUCATION:**

**2011-2015 Dedan Kimathi University of Technology**

**BSc. GEOMATICS ENGINEERING AND GEOSPATIAL INFORMATION SYSTEMS**

- Modules include:
  - Cadastral Survey
  - Land Information system
  - Geodesy
  - Digital Image Analysis
  - Web Mapping
  - Engineering Survey
  - Transport Planning
  - Urban and Regional planning
  - Remote Sensing
  - Cartography
  - Geospatial Information System

**2011 Mwangaza College Of Accounting**

Certified public accounts section 1&2

**2006-2010 KOELEL HIGH SCHOOL**

Kenya Certificate of Secondary Education

### **Career Objective**

Putting into practice the knowledge so far acquired in my geospatial studies and studies related to geospatial data acquisition ,management and analysis to solve real world problems in a professional environment.

### **RELEVANT WORK EXPERIENCE**

**January 2015-**

**GEOSPATIAL SOLUTIONS LTD as A Surveying, Engineering G.I.S and Environmental Consultant**

- Topographical Surveys-data collection and processing,
- General and Fixed boundary surveys
- Planning of subdivision schemes,
- Use of GIS in site location and Feasibility Studies,
- Cadastral file compilation and drawing of survey plans and
- Drawing and preparation of mutation forms.
- Spatial planning.

### **OTHER WORKING EXPERIENCE**

**UNIVERSITY OF NAIROBI ENTERPRISE SERVICES (UNES)**

**January 2017- March 2017**

Development of a mobile application for field spatial and non-spatial data collection to facilitate in the development of a maintenance policy for Kenya Pipeline company, as wells as create a web map for their immovable assets. The system employs use of a Mobile GIS Updating technology with an intention of creating an integrated GIS/GPS real-time application within the SAP. GPS technology was to be totally embedded directly within GIS application software.

**January 2014 -2015**

## **P.KIARIE REGISTERED SURVEYORS**

An Assistant surveyor conducting mutation, cadastral and topographic surveys, involving planning, field works and processing.

### **Career Related Project Experience**

1. Dedan Kimathi University Final Year Project

#### ***Land Information, Registration and Management System (Laikipia County)***

Objective: To create a conclusive land registration and information system that can store, register, query and retrieve land parcel data. The system is able to register land data right from the lowest level of land registration to the highest level, and also allowing different levels of data retrieval and viewership.

Results: A complete secure, user friendly storage and query system for land records such land rights, tenure and status.

### **Qualification and training**

- i. Well versed with GIS software application as well as customization of the soft wares; Arc GIS, quantum GIS, map window etc. as trained during internal attachment (DeKUT) and external attachment (SOK).
- ii. Well versed with remote sensing and photogrammetry software application: Erdas, LPS
- iii. Well versed in Microsoft and Linux based packages; MS-office, spreadsheets, presentation etc.
- iv. Well versed in surveying methodologies; vertical and horizontal control, tachometry, curve setting, cadastral survey and triangulation.
- v. Basic knowledge in geodesy, microwave remote sensing and GIS programming.
- vi. Well versed with R-programming and stastical analysis and python programming

### **Hobbies**

- Reading novels. It an age old activity but it still appeals to me a lot.
- Travelling. I enjoy visiting new places and interacting with different cultures.

## **REFEREES**

### **DR. David Kuria**

National land commission

Director, national land information management system.

0727399208

### **Patrick Ndungu Kiarie**

P. Kiarie Registered Surveyors

P.O BOX 2718-10140 NYERI

0725386746

### **Dr. Moses Murimi Ngigi**

Senior lecturer

Dedan Kimathi University of technology

Institute of GIS, geomatics and remote sensing.

0727508264