



**ENG. ALFRED AMBOKA**  
GEOMATIC ENGINEERING &  
GIS | WEB DEVELOPMENT

### Profession Profile.

I am a geospatial specialist with a minimum of two years in the field. Professionally, I am determined, self-motivated, hardworking to ensure that I maximize on the knowledge I have. In relation to technology, I am working smart to be updated with location intelligence and artificial intelligence in general. I do have team work, leadership skills that form part of my professional well being.

### Contacts.

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00100, NAIROBI, KENYA

### Languages.

English --- - Fluent.  
Swahili --- - Proficient  
Luhya --- - Fluent

### Hobbies.

- Reading (tech articles & books)
- Playing football
- Nature walk
- Travel - explore new areas.

### Referees

Provided on request.

## Work Experience

### 01/2022 - 04/2022 • Attachee | GIS Specialist.

Vihiga County | Address: P.O BOX 344-50300, Maragoli.

- Perform spatial analysis and visualization of data.
- Digitization of analogue maps.
- Spatial collection using available tools and technologies.
- Update collected data into database system.
- Programming and automating tasks
- Spatial data processing, and adding spatial attribute to data.e.t.c

### 04/2021 - 06/2021 • Freelancer | GIS Specialist.

Upwork; Online.

- Spatial data processing, analysis and visualization.
- Digitization of maps using skyline explorer (3D scene)
- Research for topic specified by client majoring in GIS context.
- Perform deep learning and develop prediction model.

### 05/2018 - 08/2018 • Volunteer | Peer Teacher.

Ekwanda High Sch. | Address: P.O BOX 285- 40105, Maseno.

- Teaching mathematics, physics, and chemistry.
- In charge of math hour for the whole school.
- Coach students in practical field works and lead Innovation club.

## Education Background.

### 08/2018 - Present • Bsc. Geomatic Engineering and GIS.

Jomo Kenyatta University of Agriculture and Technology (JKUAT)

Address: P.O BOX 62000-00100, Nairobi.

Course duration - 5 years.

Grade / GPA ----- N/A

### 02/2014 - 12/2017 • Kenya Certificate of Secondary Education (KCSE).

Ekwanda High School

Address: P.O BOX 285-40105, Maseno.

Study duration - 4 years.

Grade / GPA ----- B+ | GPA -- 3.78

### 01/2005 - 11/2013 • Kenya Certificate of Primary Education (KCPE).

Esibembe Primary School.

Address: P.O BOX 21- 40105, Maseno.

Study duration - 8 years.

Grade / GPA ----- B | GPA -- 3.55

## Key Skills.

- Geospatial information systems (GIS)
- Remote Sensing
- photogrammetry
- Engineering survey
- CAD/CAM/Engineering design.
- Database
- Communication skills.
- Machine learning (Python)
- Frontend web development.
- Advance research
- Project management
- Cadastral surveying.
- Statistical Analysis and Data analytics.
- Data collection and engineering.

## Awards and Achievements.

- Website challenge winner awarded by JKUAT club through the the department chairperson.
- Best student leader of the year awarded at Ekwanda High school for being exemplary academic student leader to be emulated.