

BRIAN MAKANDA RESUME

CURRICULUM VITAE

Personal Details

- **Name:** Brian Makanda
- **Phone:** +254 742 149 060, +254 712 253 376
- **Email:** oumab473@gmail.com
- **Nationality:** Kenyan

Education Background

- **2021 – Present:** Moi University ○ Bachelor of Arts Pure Geography(Remote Sensing, GIS, Survey)
- **2023– Present:** Self-Learning in Backend Development
- **2022 – 2024:** Self-Learning in Frontend Development
- **2017 – 2021:** Koyonzo Boys High School
- **2010 – 2016:** Mihang'o Primary School

Skills

- **GIS & Remote Sensing Tools:** ArcMap, QGIS, EDRAS Image , Google Earth Pro, Google Earth Engine
- **Frontened Development:** JavaScript, React, HTML, CSS, Redux, Leaflet.js,
- **Backend Development :** Node.js, Epress.js, MySql, MongoDB ,Redis
- **Mapping Experience:**
 - Water station mapping for sub-counties in Busia County (Department of Water, Natural Resources, and Climate Change)
 - Did a final attachment project on Flood Risk Analysis for Nairobi County Using DIS and Web Map Application with leaflet.js

Projects:

1) **March 2025 – date** : Founder and Full-stack Developer at my startup company Unitrade Hub which is a platform connecting the Moi University students with the sellers available in the eco-system to purchase items online and also sell items online to get various buyers .

Link: <https://unitradehub-kesf.onrender.com>

2) **January 2024 -date** : A fullstack Developer (MERN STACK) at GESSAMU ORGANIZATION .The organization portal helps the Geospatial and Environmental Students to take tasks on the system, familiarize with the projects of other alumni, post their current GIS projects, Offer a training platform for students.

Link : <https://gessamuportal.onrender.com>

3) **November 2024** : Frontend Development for Compact Chef Events Website

Link : <https://compactchef.vercel.app>

Experience

March 2025 -till date: Full-stack developer at UniTrade StartUp company

January 2025 – till date : full-stack developer at Gessamu organization

- **April 2023 – July 2023**: GIS and Remote Sensing Volunteer
 - Department of Water, Natural Resources, and Climate Change, Busia County Government
 - **June 2024 – August 2024** : Attachment at Directorate of Remote Sensing and Resource Survey (DRSRS).
- **Training and Events:**
 - **2023**: Attended RIC 2023 Symposium at RCMRD. ○ **2024** :Attended RIC 2024 Symposium at RCMRD ○ **2024**: Completed Coastal Geomorphology Online Training (7–9 February 2024) ○ **FMNR Mapping Training**: Participated in a three-day workshop in Eldoret on mapping Farmer-Managed Natural Regeneration areas ○ **GESSAMU Training**: Regular participant (held Thursdays and Sundays at Moi University)

Hobbies

- Drawing
- Traveling

Referees

- **Madam Perpetual Agoya**
- GIS Officer, Busia County
Phone: +254 704 166 067
- **Sir Jotham Ayanga**
- Ground Division Officer (DRSRS)
 - Phone: +254 704 537 737