

# BRIAN MAKANDA RESUME

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## CURRICULUM VITAE

### Personal Details

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

- **2021 – Present:** Moi University
    - Bachelor of Arts Pure Geography( Remote Sensing, GIS, Survey)
  - **2024 – 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
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### 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, Express.js, MySQL, MongoDB
  - **Mapping Experience:**
    - Water station mapping for sub-counties in Busia County (Department of Water, Natural Resources, and Climate Change)
  - **Projects:**
    - Developed Several websites : <https://glitchlifestile.vercel.app/> , <https://dcim.netlify.app/>
    - Did a final attachment project on Flood Risk Analysis for Nairobi County Using DIS and Web Map Application with leaflet.js
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## **Experience**

- **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 Diroctrate 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)

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## **Hobbies**

- Drawing
  - Traveling
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## **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