

Bett Enock

GIS Analyst | Web Developer



www.linkedin.com/in/bett-kipngeno-enock



<https://quanta-geek.vercel.app/>



<https://github.com/Bettenoch>



Certified GIS analyst and Web Developer

Versatile Geospatial Engineer and Web Developer with a year of hands-on experience in leveraging geospatial technologies and web development tools to deliver innovative solutions.

I bring a unique blend of skills in geographic information systems (GIS) and web development.



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Nairobi, Kenya

Proficient in utilizing tools such as ArcGIS and QGIS, I have successfully applied spatial data analysis and mapping techniques to deliver valuable insights. On the web development front, I possess a robust foundation in front-end technologies, including Reactjs Nextjs, Tailwind CSS, and JavaScript, and have actively contributed to the development of user-friendly and visually compelling web applications.

Core Competencies

QGIS	●	●	●	●	○
ArcGIS	●	●	●	●	○
Google Earth Engine	●	●	●	○	○
Geoserver	●	●	○	○	○
Leaflet.js	●	●	○	○	○

JavaScript	●	●	●	●	○
React	●	●	●	○	○
Nextjs	●	●	●	○	○
Tailwind CSS	●	●	●	●	●

Ruby on Rails	●	●	●	●	○
Django	●	●	●	○	○
Php/Laravel	●	●	●	○	○

Work Experience

February 28th, 2023-Present

Microverse Coding School

Remote Full Stack Developer

- Developed more than 50 highly functional Web applications that utilize modern technologies.
- Worked remotely in pair programming to create a full stack doctor appointment website using ruby on rails and react for the frontend.
- Designed a budget application using rails and vue.js to allow users to store budget use and track their expenditures over time.
- Optimized remote communication workflows (i.e. Kanban boards) and industry standard Gitflow practices.

August 12th 2021-August 28th 2021

Kibwezi Camp

Surveying & GIS

- Conduct deformation survey of River Arthi Bridge by Capturing precise measurements and analyze structural shifts to ensure the bridge's integrity, resilience, and long-term stability.
- Perform leveling and RTK measurements on Kitui Kibwezi road.
- Participated in a group activity in creating a Kibwezi Map Series
- Took part in a drone flying and photo correction exercises Through hands-on participation, honed skills in piloting drones with precision, capturing high-quality aerial footage, and subsequently delved into the intricacies of photo correction processes.

May 1st 2021-September 28th 2021

Bomet County GIS Department

GIS Intern

- Created and developed 2d/3d preliminary drawings and designs setting the frameworks for manufacturing projects.
- Assisted in the judgement and analysis of for spatial designs, development and implementation of e technical systems.
- Assisted registered county surveyors in erecting new control points new Bomet Stadium.
- Performed staking out of Bomet Town plot under the supervision of surveyors.
- Assisted Engineers in leveling works at Ngerian-Motigo road construction.
- Assisted field surveyors in transforming paper plans into actual designs.

Tools:



- Experience in working with ArcGIS/QGIS and google earth engine.
- Proficient in using geospatial frameworks Geoserver, Apache Tomcat, Leaflet.js, Geopandas and Geodjango.
- Web-development- React-Redux, Next, React, Ruby on Rails, Flask, Django.
- Experience working with GIT/GITHUB and basic knowledge of SQL.

Referees

- Surveyor and GIS Specialist
Bomet County
Mr. Jonah Langat
Phone: 0722478650
- Project Supervisor
Mr. Benson Okumu
Email: bmokumu@uonbi.ac.ke
- Reverend Tenwek Bethesda
A.G.C
Rev Elijah Bii
Phone: 0720570155

Education

Remote Full Stack Web Development Program

February 23rd 2023-January 7th 2024



- Successfully undertook Microverse Full Stack Web Development program where we code 8 hours a day to build web application programs through pair programming, communication skills and remote workflows.
- Build top notch applications as showcased on my GitHub profile page.

Bachelor's degree in Geospatial Engineering

September 05th 2017-September 23rd 2022



- Successfully completed studies in a broad spectrum geospatial engineering, including cadastral surveying, Engineering surveying, Geodesy, Remote Sensing, Photogrammetry and GIS.
- Two internal internships that covered field work and lab activities.
- Achieved Dean's List status for the 2023 Bachelor's in Geospatial Degree program, attaining a final score within the second class upper division

Kenya Certificate of Secondary Education(KCSE)

2012-2016



- Successfully completed my KCSE and registered a grade of A-(76points)