One-to-one online lessons in GIS, surveying, web development and related technical subjects. Choose your subjects and hours, then book.

SUBJECTS & RATES

GIS software — KES 200/hr

Spatial, terrain and hydrological analysis, suitability modelling and cartography in QGIS or ArcGIS, from first principles to real project workflows. Good for students, researchers or professionals who need to actually produce usable maps and analysis, not just follow a tutorial.

Spatial databases & SQL — KES 230/hr

Spatial SQL and managing geospatial data in PostGIS, and serving maps from a database instead of a folder of files. Useful once your GIS work needs to scale past static files and run on a real system.

Remote sensing & satellite imagery — KES 260/hr

Image classification, change detection, and vegetation and water indices (NDVI/NDWI) using free Sentinel and Landsat data. Built for research or applied work where you need evidence from imagery, not just a map.

Land surveying & CAD — KES 230/hr

GNSS and traverse surveying, cadastral and topographic survey methods, coordinate computations and preparing survey drawings in AutoCAD. Aimed at surveying students and junior surveyors who need the practical side alongside the theory.

Web development — KES 200/hr

Building real, responsive websites and interfaces from the ground up with HTML, CSS and JavaScript, not following a template. Gets you to the point where you can build and ship a working site on your own.

Frontend frameworks — KES 250/hr

A modern frontend framework and the tooling around it, for building fast, interactive web apps rather than static pages. The natural next step once you're comfortable with plain HTML, CSS and JavaScript.

Backend development & APIs — KES 250/hr

Building REST APIs, authentication and server-side logic with Node.js, the part of a web app that doesn't live in the browser. Needed if you want to build full applications, not just front-end interfaces.

Python programming — KES 220/hr

Practical Python from the basics through to automation scripts and working with real datasets, not abstract exercises. Useful whether you're starting from zero or want to automate the repetitive parts of your own work.

Databases — KES 220/hr

Database design, SQL and NoSQL queries, and working with real data instead of toy examples. The foundation almost every other technical subject here eventually depends on.

Web mapping — KES 260/hr

Building interactive maps and spatial web apps with the leading JavaScript mapping libraries (Leaflet, Mapbox GL and similar). For GIS people who want their maps on the web instead of stuck in desktop software.

Backend-as-a-service — KES 240/hr

Authentication, databases and backend-as-a-service platforms (Supabase, Firebase and similar) so you can add a real backend to your own apps without building one from scratch. Lets you ship faster without a dedicated backend developer.

AI integration — KES 280/hr

Adding chat assistants and other AI features to your own apps and websites, using the same kind of tools behind the AI add-ons sold elsewhere on this site. For developers who want to build these features themselves instead of buying them ready-made.

Git, hosting & DevOps — KES 220/hr

Version control with Git, deployment, servers and the tools that actually get a project live instead of sitting on your laptop. The part most courses skip, and the part that trips people up most when shipping their first real project.

PAYMENT TERMS

- Lessons are paid in full when you book, for the subjects and hours you choose.
- Sessions are held online, one-to-one, at a time that works for both of us.
- Rates are per hour and the same whether you book one subject or several together.

riobamwita.com
Contact via the website for a custom quote.