

Abatan Oluwafunmibi

GIS Analyst | GIS Developer

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PROFILE

Geoinformatics graduate from the University of Lagos with experience in GIS, remote sensing and map production. Builds GIS web applications with Python, FastAPI and Next.js. Maps and projects at abatan.vercel.app.

SKILLS

GIS	QGIS, ArcGIS, Civil 3D, GRASS GIS, WhiteboxTools
Programming	Python, SQL, R, JavaScript
Python / GIS	GeoPandas, Rasterio, Shapely, FastAPI
Analysis	DEM, terrain and hydrological analysis, remote sensing, cartography
Web GIS	Next.js, Leaflet, Mapbox, SQLite

EXPERIENCE

Independent GIS & Spatial Data Developer

2024 – Present

- Built GIS Mapper, a web app that takes a DEM and produces terrain and hydrological maps (Python, FastAPI, WhiteboxTools, Next.js).
- Write Python scripts that automate raster and vector processing in QGIS.
- Produce maps and spatial datasets for client GIS projects.

GIS Researcher

2025 – 2026

University of Lagos

- Ran flood, erosion and gully susceptibility analysis for Auchi, Edo State, using DEM, land cover, soil and drainage data.
- Produced the terrain, hydrological and susceptibility maps in QGIS, with supporting statistics and technical reports.

GIS / Surveying Intern

Apr 2025 – Nov 2025

Ogun State Bureau of Lands and Survey

- Checked survey plans and entered spatial data into the state GIS database.
- Used QGIS, ArcGIS and AutoCAD with GNSS, total station and cadastral data.

AI Data Analyst / Annotator

2023 – 2026

Remote

- Labelled, classified and reviewed image, text and transcription datasets against strict quality guidelines.

PROJECTS

GIS Mapper – web app for DEM processing, terrain and hydrological analysis, and map output. abatan.vercel.app

GeoArchive – web map for collecting and exploring places with photos and notes (Next.js, Supabase). abatan.vercel.app

EDUCATION

BSc Surveying and Geoinformatics, University of Lagos

2026