

Clement Bamidele, OKE

GIS Analyst and Developer,

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PROFILE

Clement is a GIS Analyst and Developer who helps GIS users find effective and innovative solutions to spatial problems. He has experience working for both government and private organizations applying different aspects of geospatial technology ranging from remote sensing and GIS to software development. At Sambus, he is focused on geo-solutions, demonstrations, and professional services. He provides expertise on ArcGIS Pro, ArcGIS Online, and ArcGIS for Developers. He holds a bachelor's degree in Remote Sensing and GIS from the Federal University of Technology, Akure. In his spare time, Clement likes to play video games, cook, write/read, watch movies, and go on adventurous trips.

PERSONAL SKILLS

Excellent problem-solving abilities. Excellent communication skills; Technical writing and documentation; Leadership; Training, research, and mentoring; Spatial thinking; Innovative thinking; Hardworking, smart, creative, and detail orientated.

GIS SKILLS

Mapping

- Mapmaking and map embellishment
- Cadastral parcel fabrics and data driving.
- Process automation and modeling
- Web mapping (ArcGIS online, Web app builder, Google My maps, etc.)
- Data mining and fieldwork

Image processing and analysis

- Digital image processing, image enhancement and error correction in satellite images
- Flood modeling and multi-criteria analysis
- Geological lineament extraction from elevation data
- Digital terrain modeling
- Multispectral imagery classification and band math.

COMPUTER SKILLS

Languages

- Proficient in JAVA, PHP, SQL, MSSQL, JavaScript, HTML and CSS
- Little knowledge of ArcPy, Arcade, Python, Microsoft Visual Basic, Vue.js and jQuery

Frameworks

- Bootstrap 4, Material Design, Mapbox, Leaflet.js, ArcGIS Runtime SDK for Android, Google Maps SDK

Stacks:

- Full-stack Android and web development
- Backend development with MySQL server

Software (Installation, deployment, and use)

- Tools: ArcGIS, Android Studio, MapInfo Pro, QGIS, Idrisi, Erdas Imagine, Envi, MS Office 2019, MSSQL Server Mgt. Studio, GitHub, Postman
- Database: Microsoft SQL Server, MySQL, and SQLite
- IDEs: Android Studio, Apache NetBeans, Sublime Text 3, Microsoft Visual Studio, Visual Studio Code
- Platforms: Microsoft Windows 10, Android 5 – 11, Web.

EXPERIENCE

GIS Analyst / Programmer

01/2020 – Present

Sambus Geospatial Nigeria Limited, Abuja, Nigeria.

- Development of industry-focused location-based software solutions and demonstrations specifically depicting the capabilities of the Esri ArcGIS platform.
- Making presentations to clients and members of other departments regarding the GIS system, including explaining system hardware, software, and appropriate applications.
- Development of web maps, geodatabases, and operational dashboards to assist both internal and external projects.
- Training clients in the use of Software solutions on the ArcGIS platform by organizing webinars, physical training, and instructor-led online/on-premises pieces of training.

GIS Analyst / Lead Developer

08/2019 – 02/2020

Arctic Spatial Limited, Lagos, Nigeria

- Designed, developed, managed, and maintained location-based software solutions codebase.
- Performed mapping, GIS Analysis, and fieldwork.
- Developed and published 2 mobile and web projects.
- Supervised interns and ensure data collected from fieldwork are of good quality.

Lead Developer (Remote)

03/2019 - Present

Conteq Systems, Ekiti State, Nigeria

- Development of codebase and monitoring the works of other software engineers.
- Orienting teammates about new developments and keeping track of project progress.

Graduate Data Recovery Specialist / GIS Analyst Intern (NYSC)

05/2018 – 03/2019

Kano State Geographical Information System (KanGIS). Kano State, Nigeria.

- Digitized (recovered) about 2000 analog survey plans for state cadastral system
- Trained 3 IT students on the use of Mapping software packages including ArcGIS and QGIS

Student GIS Analyst Intern

04/2016 – 10/2016

Arctic Spatial Limited, Lagos, Nigeria.

- Digitized building footprints for the EIA of a water project.
- Mapped points of interest in 4 states and did QC/QA on the data.

EDUCATION

The Federal University of Technology, Akure (FUTA)

11/2012 – 11/2017

Akure, Nigeria

Bachelor of Technology.

Remote Sensing and Geoscience Information System.

Second-Class Honors, Upper division.

LEADERSHIP

- Lead developer and product lead, Arctic Spatial Ltd., August – December 2019.
- Treasurer, RCCF, Kano Chapter, October 2018 – March 2019.
- Fieldwork group leader for RSG 320 (Departmental course work) Student independent mapping exercise, FUTA, November 2016.
- Class representative, Federal University of Technology, Akure Students Representative Council, 2014 - 2017.
- Officer-in-charge, Boys Brigade 37th Ekiti Company between 2014 and 2015.
- Lieutenant, Boy's Brigade 37th Ekiti Company since 2013.
- Class captain, Ado Grammar School, Ado Ekiti, SCR, 2009 – 2011.

VOLUNTEERING

- Development of website for Africa Women in GIS (In progress) July 2020 - date
- Kano state Skill Up project volunteer tech trainer. 2019 - present.
- RSG-FUTA 2017 GIS Day local event planning and organizing.
- Microsoft Windows Insider: receive frequent updates, evaluate new features, and provide feedback on different builds of Microsoft Windows 10. 2015 – present.
- Google Local Guides [Level 6]: Adding new and missing places to the maps, providing descriptions and photos, answering questions, checking the facts, and helping others navigate better and faster with Google Maps. 2014 – present.
- OpenStreetMap Contributor.
- Consumer survey respondent at various panels including MOBROG, U-Report, MobiWorkx, CINT, StreetBees, Premise, JAMA, Geopoll, Opinionpost, ThePanelStation (TPS) Nigeria, Answered insight, Developer Economics, etc. 2011 – present.

AWARDS, CERTIFICATIONS, AND COURSES

Certifications and Courses

Esri MOOC: Spatial Data Science	Completed	2020
Udacity/Google: Developing Android Apps with Kotlin	Completed	2020
Udacity/Google: Advanced Android App Development	Completed, no certificate	2020
Udacity/Google: UX Design for Mobile Developers	Completed, no certificate	2020
Udacity/Google: Developing Android Apps	Completed, no certificate	2020
Udemy: Vue JS 2 – The Complete Guide	Completed, no certificate	2020
Udacity/Google: Android Basics: User Interface	Completed, no certificate	2020
Google: Google fundamentals of digital marketing	Cert. code: S565S386W	2018
Esri MOOC: Do-It-Yourself Geo-Apps	Completed and Certified	2017
EDX course: Visualization with Microsoft Excel	Completed, no certificate	2016

Awards

Most responsible student recognition, Remote Sensing, and GIS Department. FUTA	2014
Chief Alex Olu Ajayi Scholarship Award for the best overall student in Ado Grammar School, Ado Ekiti	2011

AFFILIATIONS/ASSOCIATIONS

- Arewa Tech Hub, Kano
- Member, Nigeria Geospatial Community
- ESRI Learning Center, ArcGIS Online, ArcGIS Developer and ESRI GeoNet
- Google Developer Console, Google Digital and Google Local Guides
- Microsoft Software Developer Network (MSSDN)
- The Boy's Brigade Nigeria

REFERENCES

- A. Y. B. Anifowose, Ph.D. Professor & HOD, Remote Sensing and GIS, FUTA, Nigeria.
aybanifowose@futa.edu.ng +2348036670047
- A. A. Komolafe, Ph.D. Lecturer I, Remote Sensing and GIS, FUTA, Nigeria.
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- O.O. Aladejana, Ph.D. Lecturer II, Remote Sensing and GIS, FUTA, Nigeria.
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PORTFOLIO

Sambus Geospatial Newsletter maiden edition	Download a copy	2020
Locashare – Location sharing sample (ArcGIS Runtime)	https://github.com/sambusnigeria/locashare	2020
Coronavirus tracking dashboard for NCDC	https://covid19.ncdc.gov.ng/gis	2020
Coronavirus tracking dashboard for Channels Television	https://bit.ly/30QyZG1	2020
Android apps for NCDC and Nigeria Customs Service	Confidential	2020
Nigeria Coronavirus case tracking dashboard (Sambus)	https://bit.ly/covidnig	2020
Lassa fever case tracking dashboard - Nigeria (Sambus)	https://bit.ly/lassanig	2020
Dataspaze (Android app, website, and Admin dashboard)	https://dataspaze.com	2019
Motogangan (Android app, website, and Admin panel)	https://motogangan.com	2019
Pothole Africa (Android app, website, and Admin panel)	https://potholeafrica.com	2019
Shamba Jirani (Android application and landing page)	https://shambajirani.com	2018
eLegit (Android app, PWA, and landing page)	https://elegit.com.ng	2018