

Joseph Osazua IGHARO

Lagos, Nigeria

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Profile

- Geospatial professional with experience delivering spatial solutions across urban development, environmental planning, and infrastructure sectors.
- Proficient in ArcGIS, QGIS, AutoCAD, LiDAR360, Global Mapper and Google Earth Engine, with strong programming capability in Python and SQL.
- Comfortable working across the full project lifecycle from field data acquisition and spatial analysis to cartographic outputs and technical reporting.

Education

Obafemi Awolowo University, Ile-Ife, Nigeria	09/2019 – 09/2025
Bachelor of Science in Urban and Regional Planning (4.44/5.0 CGPA)	
Moshood Abiola Polytechnic, Abeokuta, Nigeria	12/2015 – 05/2018
National Diploma in Urban and Regional Planning (3.07/4.0 CGPA)	

Certifications and Licenses

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| ▪ Data Analytics with Professional Development Skills for the Digital Age with ALX Africa | 2025 |
| ▪ Professional Foundations with ALX Africa | 2025 |
| ▪ Earth Observation Technologies in Agriculture with African Drone & Data Academy, Malawi | 2024 |
| ▪ AI Augmented Professional Development Skills with ALX Africa | 2024 |
| ▪ Data Science with 3MTT Program, National Information Technology Development Agency, Nigeria | 2024 |
| ▪ Application of GIS/Remote Sensing with Cooperative Information Network, National Space Research and Development Agency [NASRDA], Nigeria | 2022 |

Work Experience

Aerial Advantage Global, Lagos Nigeria	07/2026 – Present
Position: Geospatial & Operations Officer (Full-time, Hybrid)	
▪ Lead drone field operations and geospatial data acquisition for surveying, infrastructure and construction projects including Lagos-Badagry Expressway and Lagos-Calabar Coastal Highway. ▪ Process and analyse UAV photogrammetry and LiDAR data to produce orthomosaics, DSMs, DTMs, 3D models, point clouds and topographic data. ▪ Perform geospatial analysis and quality control using GIS and remote sensing, while managing spatial datasets for surveying, mapping, engineering and environmental projects. ▪ Coordinate with clients and project teams to define requirements, plan field activities, deliver geospatial outputs and technical reports. ▪ Manage geospatial project activities from data acquisition through processing, analysis and final delivery.	
GISCleric International, Lagos Nigeria	07/2026 - Present
Position: Analyst II – GIS & Data Systems (Full-time, Remote)	
▪ Perform spatial analysis and image interpretation to generate geospatial intelligence and support client projects.	

- Acquire, process and manage raster and vector datasets, geospatial databases and associated spatial and attribute data.
- Develop integrated GIS products and support the application of ESRI technologies for geospatial analysis and data management.
- Lead project quality control and prepare technical documentation, proposals and other project deliverables.
- Provide technical guidance and training on GIS applications, database workflows and geospatial data management.

SEGDAM Planning Services, Osun Nigeria

10/2024 – 06/2026

Position: Town Planning Officer/Geospatial Information System Analyst (Full-time, Hybrid)

- Provide geospatial support for urban development projects: Ile-Ife territorial map, and Environmental Impact Assessment of Kwara State University of Education.
- Integrate and manage spatial datasets from surveys, satellite imagery, and planning records to support site analysis, zoning, and land use planning.
- Develop custom GIS tools to automate workflows using Python and ModelBuilder.
- Produce high-quality cartographic maps, 3D models, and spatial reports.
- Maintain comprehensive documentation for geospatial assets.

Observatory Earth Analytics (OEA) Consults, Lagos Nigeria

04/2024 – 10/2024

Position: GIS and Data Science Intern (Full-time, On-site)

- Conducted data analysis and built interactive dashboards using Python, Tableau, Microsoft Excel and PowerBI, enhancing data-driven decision-making processes.
- Performed geospatial analysis and produced high-quality maps using ArcGIS, QGIS, ERDAS and Google Earth Engine to support various spatial data projects.
- Automated data processing workflows with Python scripts to reduce manual processing time and improving accuracy.
- Designed desktop applications (PyQt) and deployed web applications (Django) to facilitate data upload, validation, and visualization for project teams.
- Perform data validation and cleaning, identifying and resolving errors, inconsistencies and missing information.

Selected Projects

- Aerial Topographic and Photogrammetry Survey of Lagos-Badagry Expressway, Lagos State, Nigeria (2026).
- Aerial Topographic and Photogrammetry Survey of Lagos-Calabar Coastal Highway, Nigeria (2026).
- Drone Mapping Survey of Maiyegun Beach Estate, Lekki Nigeria (2026).
- Drone Mapping Survey of Jakande Housing Estate, Lekki Nigeria (2026).
- GIS Analyst in the preparation of Environmental Impact Assessment Report of Kwara State University of Education, Malete, Kwara State, Nigeria (2025).
- Street Data Collection across Nigeria for Digital Twin Modelling and Integrated Planning and Development (2024).
- Python-based Application for Automated Data Processing and Server Upload Pipeline for Street Data Collection across Nigeria (2024).

Volunteering Experience and Community Services

- Advocacy Officer (Part-time), Sprout Advocacy Foundation, on championing disability rights advocacy, and promoting inclusion and social justice for underserved communities (07/2025 – till date).

- Volunteers Coordinator (Full-time), Homeless not Hopeless Initiatives on caring for Aged, ensuring good sanitation practices and sensitizing public on the havoc of rape in Nigeria (01/2020 – till date).
- Program Manager (Part-time), Lend a Hand for Africa, directing community development programs, building partnerships and providing support to underserved communities (08/2019 – till date).
- Co-Founder (Full-time), ScholarNurture, focusing on youth development, technology training and mentorship (07/2018 – 05/2021).

Selected Leadership Experience

- Chairman, Audit Committee, Urban and Regional Planning Student Association of Nigeria, Obafemi Awolowo University Chapter (2023 - 2025).
- Member, Students Representative Council, Faculty of Environmental Design and Management, Obafemi Awolowo University (2021).

Skills

- **Language:** English, Yoruba
- **Computer:** Proficiency in the usage of AutoCAD, ArcGIS, ERDAS, LiDAR360, Global Mapper, Google Earth Engine, PCI Geomatica, ArchiCAD, SPSS, Tableau and Microsoft Office Tools.
- **Programming:** Python, SQL

Area of Expertise

- Disaster Risk Management
- Environmental Management
- Geospatial Planning
- Infrastructure Planning

Publications

1. Articles

- (i) **Igharo, J.**, Olofu, K., Tajudeen, O., Oyelere, P. & Abegunde, A. (2026). Climate Change Adaptation and Mitigation: The Informal Sector's Experience in Ile-Ife, Nigeria, *Ruang*, 12(1), 17-29. <https://doi.org/10.14710/ruang.12.1.17-29>.
- (ii) Mobolaji, D., Oyelade, T., Oyelere, P., **Igharo, J.**, Daramola, O., & Adekunle, E. (2026). Capacity Assessment of Public Sector Town Planners: Experience and Lessons from a Nigerian State. *Terra Praxis*. 7(1).
- (iii) John, A. E., Oyelere, P., & **Igharo, J.** (2025). Assessment Of Fuelwood Exploitation Activities in Nasarawa Local Government Area, Nasarawa State Nigeria. *International Journal of Engineering, Management and Humanities*. 6(3) 167-175. ISSN 2584-2145.
- (iv) Daramola, O., Mobolaji, D., Tajudeen, O., Popoola, O., **Igharo, J.**, & Oyelere, P. (2023). Environmental Quality in Urban Areas of Developing Countries: The Example of Bodija and Owode Public Housing Estates, Ibadan, Nigeria. *FUOYE Planning Journal*. 1(2) 65–77. ISSN 2992–3840.

2. Articles under Review

- (i) **Igharo, J.**, Mobolaji, D., Ojo, L., Oyelere, P. & Daramola O. (2026). Flood Risk Vulnerability: Lessons from Lagos Island Local Government Area, Lagos State.
- (ii) Oyelere, P., **Igharo, J.**, Atoyebi, S., Olugboyega, B. (2026). Residents' Place Attachment to Post Conflict Areas: Lessons from Southern Kaduna Metropolis.
- (iii) Mobolaji, D., Adetayo, O., Oyelere, P., **Igharo, J.**, Daramola, O. (2026). Conceptual Construct of Community Participation in Disaster Risk Management.

- (iv) Oyelere, P., Olatunji, B., **Igharo, J.**, Ojo, L., Atoyebi, S. (2026) Exploring Community Participation Approach in Combating Environmental Crimes in Ikere Ekiti, Nigeria.

Referees

Available on request