



EMMANUEL JOLAIYA

GIS DEVELOPER/ANALYST

PERSONAL PROFILE

GIS Developer with solid foundation and lots of experience working with spatial & non-spatial data using various tools, technologies and frameworks.

WORK EXPERIENCE

GIS Developer

Milsat Technologies, Nigeria | Dec 2020 - present

- Wrote Geospatial APIs with Geodjango for consumption in companys' products.
- Handled the GIS department and architectural enterprise setup (Open source and proprietary)
- Create functional and technical documentation.

GIS Analyst/Developer & Mapper

Integration Environment & Energy GmbH, Gräfenberg, Germany | Nov 2019 - Present

- Performed site survey and mapping, spatial data analysis and Grid Planning using QGIS and JOSM for sustainable energy development
- Performed Data Management and administration using Geonode.

EDUCATIONAL HISTORY

Federal University of Technology, Akure

Bachelor of Technology in Remote Sensing & GIS | Sep 2015 - Aug 2021

- CGPA: 4.68
- Thesis involved site suitability analysis for optimal landfill siting at a regional scale using Google Earth Engine.
- Participated in departmental political offices and community development via YouthMappers activities.

VOLUNTEERING EXPERIENCE

Mapper/Contributor

OpenStreetMap | Jul 2017 - Present

- Contributed 1,227,416+ map edits on the OpenStreetMap project, which is broken down to 167,652 buildings mapped, 1227 Km road mapped, 611 landuses mapped and many other point of interests.

Podcast Host

Africa GeoConvo Podcast | Dec 2020 - Present

- Monthly Interview and showcasing of GIS talents in Africa
- Curate resources and opportunities for monthly Newsletter to over 200 professionals in Africa.

CONTACT

 Nigeria

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SKILLS SUMMARY

- GIS & Remote Sensing Analysis
- GIS Programming and Web GIS Development
- Content Creation and Technical Writing
- Community Development, Leadership, Critical Thinking & Problem Solving
- ArcGIS(Arcpy), QGIS(pyQGIS), OpenStreetMap(JOSM)
- HTML5, CSS3 & Javascript(ES6)
- React JS & Redux
- PostgreSQL/PostGIS & SQL
- Python, Django(GeoDjango)
- Deployment, Git & GitHub
- Google Earth Engine
- Geoserver, Geonode

AWARDS RECEIVED

-  2020 YouthMappers Research Fellow, USA
-  2020 Esri Nigeria Young Scholar Awardee
-  Nigeria Federal Government Scholarship Award(2017-2019)
-  Recipient of Ekiti-State Scholarship Award (2018)
-  Award of Excellence as the most brilliant student in the School of Earth and Mineral Sciences/ Remote Sensing and GIS Department.(2017)
-  Award of Excellence as the Best Student in NABTEB External Examination, FSTC Usi-Ekiti (2015)