

## Jedidiah Tetteh Madjanor

Software Engineer (Backend)

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Greater Accra, Ghana

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### WORK EXPERIENCE

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#### Senior GIS Technician/Developer

University of Ghana

December/2021 - present

Activities performed:

- Re-developed the lab's website and added new features improving the user experience.
- Set up a multi-user geodatabase which improved students' research and practice of shared data manipulation and analysis.
- Trained and taught masters students how to use python to automate GIS processes.
- Guided interns and students into becoming software developers.

#### API and Back-end Developer

WhereGeospatial (Part-time)

June/2021 - present

Project Name: School of Health Alumni Web and Mobile Application System

Activities performed:

- Developed the backend for the web application and the mobile application to help manage alumni interactions and networking.

#### Back-end Engineer

CERSGIS

January/2019 - December/2021

Project Name: Basic Sanitation Information System (BaSIS)

Activities performed:

- Worked with a team of Engineers to completely recreate our entire site from scratch improving on its user-friendliness leading to a 37% increase in the number of users.
- Assisted in building custom software solutions for clients in various sectors such as education, finance, and public administration helping them automate the boring stuff.
- Worked as part of the Partner Engineering team to deliver projects that meet or exceed partners' expectations.
- Provided junior engineers with mentorship when needed to confirm their future goals match their current learning outcomes.

#### Software Developer/Analyst

CERSGIS

August/2018 - December/2018

Project Name: SERVIR West Africa

Activities performed:

- Developed geospatial software for monitoring and management purposes increased productivity by and accuracy by 70%.
- Coordinated other project development-related activities to meet deadlines and deliverables.
- Supervised and guided interns into becoming developers and analysts enabling them to work on nation-wide projects.

### PROJECTS WORKED ON

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Basic Sanitation Information System

Small scale monitoring application

Ghana Integrated Infrastructure Database

Public health, University of Ghana.

Electrification Data Management System

Center for Remote Sensing and Information Services

National Development Planning Commission

Ghana eMapping and Monitoring System

### EDUCATION AND CERTIFICATES

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B.A. in Geography and Sociology

University of Ghana

2017

Introduction to Data Engineering

Data Camp

2019

Building Data Engineering Pipelines

Data Camp

2019

Project Management

LinkedIn Learning

2021

### TECHNICAL TOOLS

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Unix shell, Python, SQL, Git, Pandas, JavaScript, HTML, JAVA, CSS AWS, PostgreSQL, Django Framework, Flutter, Snowflake, Machine Learning, SQL Server, React, Flask, Springboot.