JEDIDIAH TETTEH MADJANOR

Data Engineer

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**Skills**: Data Engineering, GIS, ETL Pipelines, SQL, Server Administration, Database Management, Website Development.

**Framework/Tools:** Linux, Tableau, Power Bi, AirFlow, BigQuery, Informatica, Snowflake, Django, Flask, Maven, CICD, ARCGIS, AWS, GCP, MongoDB, PostgreSQL, Git, GitHub, Geoserver, CSS, Docker, Redis, RabbitMQ, Sentry, SonarQube, Jenkins, Celery.

**Programming Language:** Python, SQL, JavaScript.

**EXPERIENCE**

**DevOps Engineer (Intern)**

**JOMACS**

01/2024, Ghana

**·** Implemented CI/CD pipelines using Jenkins, reducing deployment times by 40%.

**·** Developed scripts to automate the deployment of applications to AWS, ensuring consistent and   
 error-free releases.

**·** Collaborated with development and QA teams to streamline the software development   
 lifecycle, resulting in faster and more efficient delivery of features.

**·** Managed and optimized cloud resources on AWS, resulting in a 20% reduction in operational   
 costs.

**·** Migrated on-premises applications to the cloud, leveraging cloud-native services to enhance   
 scalability and reliability.

**·** Managed and maintained Git repositories, ensuring smooth version control and collaboration   
 among development teams.

**Data Scientist**

**Touton SA**

01/2023, Ghana

**·** Reviewed and developed data implementation policies, establishing a robust baseline data   
 structure.

**·** Created KPIs that informed strategic decisions by top management and stakeholders, enhancing   
 decision-making processes.

**·** Developed automated ETL pipelines, significantly improving data consolidation and   
 integration for advanced analysis.

**·** Implemented automated scripts for bulk data queries, resulting in expedited data processing and   
 timely report delivery.

**·** Monitored and evaluated team tasks, achieving an impressive 85%-100% adherence to   
 developed SOPs.

**·** Developed compliance scripts, to assess and oversee field operations, effectively eliminating   
 medium to high-risk levels and ensuring quality outputs.

**Senior GIS Technician**

**University of Ghana**

12/2021 - 12/2022, Ghana

**·** Re-developed the lab's website and added new features improving the site's accessibility and   
 user experience.

**·** Set up a multi-user geodatabase for the lab which improved accessibility to data by 70%.

**·** Trained and taught masters and undergraduate students how to solve GIS problems with Python   
 programming.

**·** Consulted and developed interactive web applications that helped government workers increase   
 their productivity and better manage their day-to-day activities.

**Backend Engineer**

**International Cocoa Initiative (Consultant)**

12/2021 - 12/2022, Ghana

**·** Authored effective, scalable code and successfully deployed it to production.

**·** Enhanced and optimized existing systems, leading to increased traffic and an improved user   
 experience.

**·** Developed back-end components, significantly improving system responsiveness and overall   
 performance.

**·** Assessed and prioritized feature requests, ensuring timely and relevant updates.

**·** Created comprehensive tests, debugged programs, and resolved live bugs, maintaining system   
 stability and reliability.

**Back-end Engineer**

**Basic Sanitation Information System (BASIS)**

08/2018 - 12/2021, Ghana

**·** Collaborated with a team of engineers to rebuild our entire site from scratch, enhancing   
 user-friendliness resulting in a 37% increase in user numbers.

**·** Assisted in creating custom software solutions for clients across education, finance, and public   
 administration sectors, automating routine tasks, and increasing efficiency.

**·** Worked as part of the Partner Engineering team, delivering projects that consistently met and   
 exceeded partners' expectations.

**·** Developed geospatial software for monitoring and management, boosting productivity and   
 accuracy by 70%.

**Data Engineer Trainee**

**Blossom Academy**

09/2019 - 12/2020, Ghana

**·** Designed and developed ETL pipelines that captured data from multiple sources, enabling   
 analysts to derive valuable insights.

**·** Created and implemented a data warehouse, consolidating departmental data into a   
 comprehensive view for stakeholders to address company queries and make informed   
 decisions.

**FIND ME ONLINE**

www.linkedin.com/in/madjanorjedidiah

https://github.com/madjanorjedidiah