

Michael Ajayi

DATA ENGINEER

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Motivated data engineer with a strong background in designing and developing innovative data pipeline solutions. I am eager to join and bring my skills in implementing efficient data models to improve operations in the organization.

Experience

Data Engineer (NYC Mayor's Public Engagement Unit)

April 2023 - now

- Designed and implemented a real-time data infrastructure that seamlessly integrates Salesforce and AWS to connect distressed clients with specialists during live calls, facilitating immediate solutions and reducing communication gaps.
- Designed and implemented an efficient pipeline in Amazon AWS, streamlining the scheduling of complex interdependent SQL jobs across multiple departments.
- Developed a dynamic workflow configuration system that generated customized workflows for each department, allowing them to seamlessly integrate their specific SQL queries while automating dependencies and data validation checks within the pipeline.

Political Technologist (Digidems -- MaxRoseForCongress campaign)

2022- 01/2023

- Served as the technologist and Data Director for Max Rose's Political campaign
- Established and managed a centralized database, facilitating seamless data integration across various tools used by field organizers and the finance team, contributing to the creation of one of the most advanced analytics operations ever assembled for a political campaign.
- Designed and maintained the [campaign website](#), which resulted in the improvement of the digital outreach and presence by 46%

Volunteer

Software Developer (Digital Aid Seattle)

Oct 2023 - now

- Developed and optimized software solutions tailored to meet NGO partners' challenges.
- Contributed to the enhancement of animal welfare by optimizing the intake log system, thereby guaranteeing prompt and effective care to pets under NGOs supervision.

Education

Flatiron School

2021

- Data Science

East Tennessee State University

2020

- Mathematics

Skills

- Python, Ruby on Rails
- Django web framework
- BigQuery, AWS
- PostgreSQL, MySQL
- Docker, Databricks
- Apache Spark, Airflow
- ETL tools (Mage, Airbyte, Fivetran)
- Terraform, Pulumi
- Eye for Detail and work ethic