

MWITA GEORGE

Data Engineer

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Portfolio: <https://georgemwita0.netlify.app/>

OBJECTIVE SUMMARY

Passionate Data Engineer with proven success in building scalable database architectures to accommodate real-time streaming of data from various sources. Established ability to create data products that sit as the heart of organizations data-led strategy, delivering business insights and underpinning companies with ML and AI ambition.

SKILLS

- Excellent Communication Skills
- Excellent Machine Learning and Data Analytics skills
- Design Data Warehouse and ETL Data Pipelines, SQL
- Excellent with AWS Cloud services, Glue, Kubernetes, Redshift, EC2, S2
- Working Knowledge in Hadoop-HDFS, Kafka, Apache Spark, Airflow
- Excellent skills with Git-version control
- Excellent with PySpark, Power-BI
- Python Programmer
- Excellent with Tableau, Power-BI
- Excellent with Terraform
- AWS Cloud Watch, ELK Stack

EXPERIENCE

ML and Data Engineer - Ekraal Innovation Hub, Nairobi

February 2020 - PRESENT

- Lead Data Engineer in enabling Artificial intelligent and Machine Learning ambitions of the company.
- Create visualizations and present findings on data and deploy the instances to Microsoft Azure platform.
- Identify new opportunities to apply machine learning to different parts of the e-commerce experience.
- Responsible for analyzing large data sets to develop custom models and algorithms to drive business solutions.

- Design modern machine learning and ETL pipelines for data architecture and processing in the cloud.
- Life-cycle Management of Data Platform using CI/CD. Automate everything possible – treat Infra as a code i.e using Terraform.

Software Developer - Ministry of Interior

September 2019 - October 2021

- Worked in a strong team to develop Android Applications using Flutter programming language.
- Develop backend algorithms using Django.
- The systems developed here streamlined the organization's operations by 18% for foreign national's registration process.

Junior Data Analyst - Skymax Generation Tech

June 2016 – December 2017

- Work in a strong system to extract, transform and load data into data warehouses.
- Create interactive dashboards for visualization to enable the business to draw meaningful insights. This streamlined the organization's business processes by 20%.
- Lead a team of 15 data analysts to develop an internal product which increased the Company's revenue by 20% by enhancing client's communication processes.

EDUCATION

Multimedia University of Kenya, Nairobi — Bachelor of Science Information Technology(IT).

September 2014 – November 2018

- Graduated with Second class Honors **UPPER Division** Majored in Computer Programming and Computer Networks.
- Elected Captain of Information Technology faculty

National Cyber Security Training, Nairobi — Professional Certification

September 2019 – March 2020

- Major in Cyber security operations
- Awarded Certificate by National Cyber Command Center.
- Elected President of cohort II.

Referees:

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