Jackson Katunga

Nairobi, Kenya | +254 705 686 473 | jacksonkatunga@gmail.com | Portfolio: https://jkatunga.github.io

Professional Summary

I'm a **Data Engineer and Cloud Computing Professional** passionate about transforming raw data into meaningful insights. I enjoy building **data pipelines**, designing **cloud-based architectures**, and helping organizations make data-driven decisions.

I've worked with tools like **BigQuery**, **Dataproc**, and **AWS**, and I love solving problems through **automation, visualization, and clean data design**. Whether it's developing dashboards, optimizing workflows, or collaborating across teams, I bring curiosity, precision, and creativity to every project.

Core Skills

Data Engineering: ETL / ELT · Data Modeling · BigQuery · SQL Optimization
Cloud Platforms: Google Cloud · AWS · Dataproc · S3 · RDS
Programming: Python (Pandas, NumPy, Scikit-learn) · SQL · Git
Analytics & Visualization: Power BI · Tableau · Looker Studio · Data Storytelling
Other Tools: Docker · Jupyter · Linux CLI · Google Sheets Automation
Professional Strengths: Problem-Solving · Communication · Collaboration · Continuous Learning

Experience

Vintex Technologies — Assistant Clerical Officer Intern

Jan 2024 – Present | Nairobi, Kenya
At Vintex, I work at the intersection of data and operations. I help maintain data accuracy, streamline information flow, and support reporting for decision-making.

- Managed and cleaned large datasets to support smooth business operations.

- Built small Python and SQL scripts to automate repetitive data entry tasks.

- Assisted in compliance documentation, ensuring all records were securely stored and organized using cloud tools.

Transform Research Africa — Data Analyst Intern

Jan 2018 – Dec 2018 | Nairobi, Kenya

My internship at Transform Research Africa sparked my love for data analytics. I helped teams collect, analyze, and visualize data that shaped marketing and sales decisions.

- Designed a **sales performance dashboard** that improved visibility and decision-making.
- Led survey creation and analyzed market trends across 1,000+ responses.
- Delivered reports that supported marketing and growth strategies for local clients.

Education

Bachelor of Commerce (BCom) — *Kenyatta University (Ongoing)*
Focus: Finance, Economics, and Data Analytics

Certifications

- **Google Cloud Data Analytics (2025)** – BigQuery, Looker Studio, Dataproc, Jupyter
- **AWS Cloud Practitioner (2025)** – Cloud Infrastructure, Data Storage, Security
- **ALX Data Engineering (2025)** – ETL Pipelines, Data Modeling, Big Data Workflows
- **ALX Professional Foundations (2025)** – Communication, Teamwork, Leadership
- **Google Data Analytics Professional Certificate (2024)** – SQL, Excel, Power BI, Tableau

---

Projects

PharmaConnect (Open Source Project)

An open-source pharmacy e-commerce and database solution that connects suppliers and pharmacies for efficient medicine tracking.

- Designed the database schema using SQL and PostgreSQL.
- Collaborated with developers and healthcare practitioners to improve usability.

Sales Insights Dashboard

Built a **Looker Studio dashboard** powered by BigQuery and Google Sheets to visualize KPIs and forecast sales trends.

- Automated data refreshes, reducing manual reporting time by 30%.
- Provided executives with real-time sales performance and trend analysis.