



# Alex Karoki

Data Analyst

Highly analytical and process-oriented data analyst with in-depth knowledge of database types; research methodologies; and big data capture, curation, manipulation and visualisation. Furnish insights, analytics and business intelligence used to advance opportunity identification, process re-engineering and corporate growth.

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🐙 github.com/alex-muchiri

## WORK EXPERIENCE

### Advisory Associate

KPMG East Africa

09/2018 - Present

Nairobi, Kenya

*KPMG International Cooperative is a multinational professional services network, and one of the Big Four accounting organizations. KPMG is a network of firms in 147 countries, with over 219,000 employees and has three lines of services: financial audit, tax, and advisory.*

*Achievements/Tasks*

- Data analytics supports decisions for high-priority, enterprise initiatives involving IT/product development, customer service improvement, organisational realignment and process re-engineering.
- Write and analyze IT controls and policies
- Work with advanced calculations to draw conclusions about data findings.
- Produce databases, tools, queries, and reports for analysing, summarising, and root causing board failure data. Versed in finding patterns and trends in complex, multi variable data sets.
- Provide ad-hoc analytics support for IT and Financial audits, and SOX testing

Contact: Gideon Kyenze - gkkyenze@gmail.com

### IT Coordinator

CloudFactory

03/2015 - 01/2018

Nairobi, Kenya

*CloudFactory is on a mission to connect one million people in the developing world to digital-age work, while raising them up as leaders to address poverty in their own communities.*

*Roles I focus on, but are not limited to:*

- Managing inventory of ICT equipment
- installing and configuring computer hardware
- leading IT support function
- maintaining secure network access for remote users
- Audited internal IT controls.
- training of users on proper use of ICT resources and staying up-to-date with latest tech.

Contact: Hugh Roberts - hughroberts@me.com

## EDUCATION

### Bachelor of Science in Information Science

Technical University of Kenya

08/2013 - 12/2017

First class honours

## SKILLS

Laravel

Ruby on Rails

Arduino

Power Bi

Python with machine learning

MySQL/PostgreSQL

JavaScript

IT Audits

Reporting and analysis

Alteryx

VBA

Power user of Excel

SOX compliance

In-depth accounting knowledge

Agile methodology

System implementation

## PERSONAL PROJECTS

PhotoChamp (11/2019 - Present)

- Developed a unique photography platform that enables events upload and enable their participants find photos using an image recognition engine.

A personal music streaming server (02/2020 - Present)

## ACHIEVEMENTS

Certified IDEA Data Analyst (CIDA) (09/2019 - 09/2022)

Oracle Cloud Infrastructure Foundations 2020 Certified Associate (07/2020 - Present)

Oracle HCM Cloud 2019 Solution Engineer Specialist Assessment (07/2020 - Present)

Oracle E-Business Suite R12.1 Supply Chain Management Solution Engineer Specialist (07/2020 - Present)

## LANGUAGES

English

*Native or Bilingual Proficiency*

Kiswahili

*Native or Bilingual Proficiency*

French

*Professional Working Proficiency*

## INTERESTS

I enjoy playing team sports (football and tennis); designing and developing web applications; completing DIY projects. I'm also a bike lover and enjoy frequent bicycle rides.