

MAXWELL OKOTH

Software Engineer | BI Developer | Analyst

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📍 Nairobi, Kenya 🌐 okothmax

in okoth-max

Profile

Experienced software engineer, BI developer, and analyst proficient in Python, SQL, C/C++, JavaScript, Ruby. Skilled in Linux and server-side architecture, delivering efficient, scalable solutions. Over a year of industry experience, designing data models and developing robust software applications. Analytical mindset, attention to detail, and effective communication skills. Committed to continuous learning and staying current with industry trends. Ready to contribute expertise to drive transformative growth.

Education

Cloud Computing, ALX

05/2023 – 11/2023 | Nairobi, Kenya

AWS

Software Engineering, Africa Leadership X

09/2022 – 10/2023 | Nairobi, Kenya

Full-stack developer

Bsc. Industrial Mathematics, Jomo Kenyatta

University of Agriculture and Technology

09/2016 – 11/2021 | Nairobi, Kenya

Project: Sensitivity analysis of covid-19 in Kenya

KCSE, Homabay High School

01/2012 – 11/2015 | Homabay, Homabay

Grade: B+

Professional Experience

Junior Developer, Sybyl Kenya Ltd.

05/2023 – present | Nairobi, Kenya

- Performed BI server administration
- Carried out trouble shooting and optimized BI applications
- Analyzed, transformed and optimized large datasets that fed the dashboards
- Developed and executed database queries and conducted analysis
- Designed and developed BI solutions
- Wrote complex front-end scripting

Program Analyst, Lapid Leaders Africa

07/2022 – 08/2022 | Nairobi, Kenya

- Performing research and data analysis to identify business trends, drafting program requirements based on research data and relevant issues
- Performing data validation and quality control checks to show adherence to study protocols
- Created dashboards in Google Sheets and Google Data Studio for customizing reports
- Identified multiple data sources and operational data for reviewing or improving processes and workflow by analyzing various techniques or methods
- Monitored and evaluated consistent implementation of and compliance with policies and procedures
- Formulated goals, plans, policies and procedures for program development and management

Recruitment and Program Analyst

Apprentice, Lapid Leaders Africa

02/2022 – 06/2022 | Nairobi, Kenya

- Finance; collected and maintained fee records Email marketing
- Lead the talent acquisition team for recruitment of new students
- Participated in intensive training programs with other trainees and apprentices to learn skills required for the operation of the organization
- Social media engagements on the various social media platforms
- Created dashboards with google analytics to track leads generation

Attache', Kamryn Industries Ltd.

09/2021 – 11/2021 | Nairobi, Kenya

- Conducting quality assurance

Languages

English ● ● ● ● ●
Kiswahili ● ● ● ● ●

Interests

IoT, Programming, Machine Learning,
Networking

References

Mr. Peter Wachira, *Business Analyst*,
Lapid Leaders Africa
+254701647892

Mr. Festus Muendo, *Accountant*,
Kamyn Industries Ltd.
+254724576990

Dr. Edward Richard, *Lecturer*, JKUAT
+254712775457

- Data entry
- Data management on Tally ERP
- Data analysis on the levels of production and recommend ways to optimize production
- Stock control to make sure the inventory is well stocked
- System maintenance
- Reviewed incoming orders for mistakes to maintain accurate inventory levels
- Finished tasks and job duties, adhering to deadlines to avoid delays

Skills

Programming (C++, C, MATLAB, RUBY, Python, SQL),

Data Analysis (Python, Tableau, Data Studio, Power BI, Qlik),

Computer Skills (MS Office, G-suite, Linux OS),

Version Control (GIT, Github),

Communication Skills

Certificates

Leadership Certificate

Self Leadership

Organizations

The ROOM, *member* [!\[\]\(166772600a13ad0a433053f90fe45649_img.jpg\)](#)

11/2022 – present | Nairobi, Kenya

Society for Industrial and Applied

Mathematics, *Member* [!\[\]\(f507db636256ac11a5525ef93ec6b8d7_img.jpg\)](#)

02/2021 – present

Projects

Financial Management App, *SpendSmart* [!\[\]\(aceb1790ece33f2eac474d4a9431c6d6_img.jpg\)](#)

Budget and expense tracker application [!\[\]\(b9742ff0bb3da904abeeee81c2bcb456_img.jpg\)](#)