

Jamal A. Sikuku.

Aspiring **Full Stack Software Engineer** with **DevOp skills**, experienced in working with international teams and clients, seeking a new challenge to build novel products and services..

WORK EXPERIENCE.

Kenya Revenue Authority, Nairobi.

JUL 2022 - PRESENT— **Senior Application Support Engineer.**

Analyzing business operations versus business systems for reengineering to improve efficiency, reliability and increase revenue collection via integrations with other third party government systems e.g. ArdhiSasa and CBK/IFMIS/IPPD.

Supporting and leading a team of IT specialists drawn from KRA and Safaricom in the implementation of Real Time Betting and Gaming Integration with various betting companies both local and international.

Troubleshooting and resolving technical issues in iTax System by writing scripts for data fixes and reporting overall system performance to the senior management.

Creating and overseeing API protocols and procedures for integration with other 3rd party systems that want to use the PIN Checker Validation feature such as the banks.

JUL 2021 - June 2022— **Senior Business Analyst.**

Developing specific use cases applicable to new emerging digital businesses and fostering the development of revenue collection processes, systems and applications that cater for such.

Providing technical and project management oversight during the requirement gathering session for the new iTax system, leading stakeholder engagement sessions for both functional and non-functional requirement gathering and getting sign offs from business process owners.

Benchmarking, researching and participating in procurement processes, evaluating and ensuring suppliers with highest technical strength and standards proceed to the next round adhering to value for money principles and ensuring targeted deliveries and outputs are achieved.

JUL 2020-JUN 2021— **iTax System Administrator.**

Administered mission-critical services that handled millions of citizens' revenue accounts such as tax returns ,tax liabilities', invoice transactions and ledger entries resulting in surpassing revenue targets by 102.8% in year 2021/22.

AUG 2019-JUN 2020-**Data Team Lead**, Tax Base Expansion Project.

Developed dashboards to monitor revenue collection and potential taxpayers from various third-party datasets resulting in a revenue growth of 1.7 %..

Independent Electoral and Boundary Commission. (IEBC), Kenya.

JUN 2017 - OCT 2017—**ICT Technical Consultant.**

Maintained KIEM elections Kits software and results transmissions system resulting to 98% transmission of results to the tallying center.

Annstar Investment, Nairobi.

JAN 2015 - Dec 2018— **Software Engineer.**

A software development company in Kenya.

Bustani Cottages. Implemented stock supplier's module and shopping cart life cycle resulting to 30% fulfillment of orders.

Dominion Training Institute. Designed notifications system with bill and payment reports module resulting in 15 minutes time reduction that students wasted in checking fee balances.

Kizazikipya Limited. Designed, build and maintained the company responsive website.

EDUCATION

Masinde Muliro University. Bachelor in Computer Science.

AUG 2007 - DEC 2011:Second Class Honors Upper Division.

Certification: PRINCE II | AGILE SCRUM FOUNDATION | CCNA | ITIL | SIX SIGMA | DATA ANALYSIS.

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STACK:

MERN,

Proficient In: MongoDB

,Express JS, React ,Node.js,

Java ,Spring SQL, MySQL,

Git, AWS, NoSQL., Vue.

PostgreSQL, Python.

Familiar: Android, Angular,

Ruby on Rails, Django. C++,

Azure, LAMP, ASP.Net,

PhoneGap, ActiveMQ,

RabbitMQ, Cassandra,

CouchDB, REST,SOAP

PROJECTS.

Tax Base Expansion (TBE)

*Real Time Betting and
Gaming Integration.*

*iTax IFMIS,IPPD and CBK
Integration.*

*ArdhiSasa Integration with
Itax.*

iTax Next Generation Project.

AWARDS.

KRA Innovation

competition (2022)

*designed a lottery system to
allocate houses to staff who
have applied for the houses.*

Google Africa Developer

Scholarship Recipient

(2021) Trained on GCP

products and services.

LANGUAGES.

English fluent

Arabic beginner

German beginner