Amos Kiprotich Langat

Data Analyst | Web Developer

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👤 PROFILE

Passionate website developer and junior data analyst with 2+ years of experience in designing and developing user-centric digital experiences. Strong background in managing small development teams, breaking down ambiguous projects into clear tasks, and effectively communicating progress on experiments. Adept at SQL and statistical packages like Python and R for data analysis, with a keen interest in innovation and AI knowledge seeking.

💼 PROFESSIONAL EXPERIENCE

03/2024 – 05/2024
Nairobi, Kenya

Freelance Web Development
- Developed a website for a startup orphanage organization using Bootstrap and PHP.
- Led a small team of engineers and designers to prioritize and define experimental applications of workflows, similar to those at Wikipedia.

09/2023 – 11/2023
Nairobi, Kenya

Nairobi City Water and Sewerage Company LTD
Industrial Attachment
Role: Network Administrator
- Designed and implemented a network infrastructure upgrade, resulting in a 50% increase in network speed and a 20% reduction in network downtime.

Role: IT Support
- Managed a range of technical issues with a 95% first-call resolution rate, improving customer satisfaction and reducing downtime.
- Contributed to the creation and maintenance of roadmaps, specs, and release plans for IT systems.

07/2023 – 09/2023
Mombasa, Kenya

Freelance Web Development
- Developed and maintained websites for clients using Bootstrap, JavaScript, and PHP.
- Provided meaningful and empathetic updates to clients, ensuring a clear understanding of project developments and timelines.

🎓 EDUCATION

2023 – 2024

IBM DATA ANALYTICS WITH EXCEL & R
IBM, Online
This online course provided me with a comprehensive overview of Data Analytics.s Through interactive lectures, hands-on assignments, and peer-reviewed projects, I gained high valued skills like Cognos Analytics and R programming language.

2020 – 2024
Mombasa, Kenya

BACHELOR OF BUSINESS & INFORMATION TECHNOLOGY
Technical University of Mombasa
This comprehensive four-year program provided me with a strong foundation in both business principles and information technology concepts

🧠 SKILLS

Programming ● ● ● ● ○
JavaScript, PHP, Node, React, NextJS, Python, Django

Tools ● ● ● ● ○
Git, Visual Studio, VsCode, AWS, VMware

Data Visualization ● ● ● ● ○
Dashboards, IBM Cognos Analytics, Data Visualization (DataViz), Data Analysis, Microsoft Excel

Project Management ● ● ● ● ○
Roadmaps, Spec Writing, Release Planning

Operating Systems ● ● ● ● ○
Windows, Kali Linux, Ubuntu

Data Analysis ● ● ● ● ○
Jupyter, R, RStudio, SQL, Data Science, IBM Watson, IBM Cognos Analytics

Excel basic For Data Analysis ● ● ● ● ○
Pivot Tables, Data Analysis, Spreadsheets, Data Science, Microsoft Excel

Soft Skills ● ● ● ● ○
Excellent organizational and team management skills, Strong written and verbal communication

📑 CERTIFICATES

- R Programming for Data Science Essentials ⍐

- Data Visualization and Dashboards with Excel and Cognos ⍐

- Excel Basics for Data Analysis ⍐

📁 PROJECTS

Database Administration
MySQL | SQL
Designed, implemented, and maintained a database management system to store and manage large datasets.

Web Application Development
Bootstrap | PHP
Build a web application with user authentication, data storage, and API integration.

Mobile App Application
Python | Kivy
Developed a mobile application to connect small-scale farmers directly with consumers using Python and Kivy.

🌐 LANGUAGES

English ● ● ● ● ○

Swahili ● ● ● ● ●

🎻 INTERESTS

- Cloud Computing

- Machine Learning

- Networking and Network Security Activities

- Artificial Inteligence

- Open Source

🏅 AWARDS

06/11/2023	**R Programming for Data Science Essentials** ⍐
	Coursera

15/10/2023	**Data Visualization & Dashboard Essentials** ⍐
	Coursera