

# Collins Mutai

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🔄 KipkorirC    🔗 Portfolio

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## SUMMARY

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An energetic and enthusiastic service professional with practical experience in a fast-paced IT sector. Very passionate about data science and computer vision. Demonstrated ability to design, develop and implement innovative software solutions to address complex problems.  
Am a passionate learner who is committed to delivering high-quality results

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## CERTIFICATES

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- Data analysis and visualization in python 🔗
- Artificial Intelligence fundamentals(IBM) 🔗

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## EDUCATION

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### St Pauls University

*Bachelor of Science in Computer Science*

Sep 2020 – Nov 2024

Limuru, Kenya

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## PROFESSIONAL EXPERIENCE

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### KCB Bank Group

*intern*

Sep 2024 – present

Nairobi, Kenya

- Conducted system testing and validation for new software deployments to ensure functionality and reliability.
- Assisted in maintaining and updating databases, ensuring data accuracy and integrity for business operations.
- Collaborated with teams to optimize IT processes by analyzing workflows and recommending system improvements.
- Supported troubleshooting and resolution of technical issues, minimizing downtime and enhancing system performance.

### EGIS Foundation

*Finalist (Team up for climate change international competition)*

Mar 2024 – Jun 2024

- Created a mathematical model to calculate the rainwater harvesting potential for a roof given its characteristics.
- Used the model to create a simulation program to work with user input.
- Implemented a program to track tank water balance, considering roof runoff and user consumption.
- Generated and visualized simulation results and an optimum tank capacity which maximizes rainwater harvesting potential and minimizes cost.

### Kenya Power and Electricity Company(KPLC)

*IT Support/Data Analyst*

Jan 2024 – Apr 2024

Nairobi, Kenya

- Analyzed and created dashboards for financial data

- Creating live dashboards on live smart meters deployed on the field
- Trouble shooting and diagnosing of network issues across the company
- Doing On site Preventive Maintenance and cable management
- Client/Customer service within the company

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## SKILLS

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### MS Office Suite

- Powerpoint
- Excel
- Teams
- PowerApps

### Programming

- C/C++
- Python
- R

### OS

- windows
- mac OS
- linux

### Devops and Cloud

- Jenkins
- Git and Github
- Docker
- Microsoft Azure
- Azure Devops

### Web

- PHP
- Fast API
- Streamlit
- ASP.NET

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## REFERENCES

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**Haron Samoei**, *Engineer AMI(Advance Metering Infrastructure)*, Kenya Power and Lighting Company  
Hsamoei@kplc.co.ke, +254737380972

**Fanon Ngetich**, *Network Engineer*, Kenya Power and Lighting Company  
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**Anthony Sifuma**, *Accountant - Telecoms Division*, Kenya Power and Lighting Company  
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