

# Mark kibocha

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## Summary

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Highly skilled Python Developer specializing in backend web development with a strong focus on Django and creating RESTful APIs using Django Rest Framework (DRF). Experienced in data analysis and proficient in SQL, demonstrating a well-rounded skill set. Results-driven and motivated individual with a passion for technology and an ambition to make a positive impact on the world. Eager to gain additional skills and experience in the software engineering field, constantly seeking opportunities for growth and innovation. A fast learner who thrives in challenging environments and is dedicated to professional development.

## Experience

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### T-UNT | Karen, Nairobi

#### BACKEND DEVELOPER | 04/2023 - Present

API Development: I contribute to the creation and maintenance of RESTful APIs using Django Rest Framework. This included designing API endpoints, implementing authentication and authorization mechanisms, and ensuring proper data validation and serialization.

Continuous Learning and Growth: Throughout my internship, I proactively sought opportunities to expand my knowledge and skills. I stayed updated with the latest advancements in Django and Django Rest Framework, explored best practices, and implemented them in my work to ensure code quality, maintainability, and scalability.

Overall, my contributions as a backend developer at T-unt involved developing new features, resolving issues, managing databases, creating RESTful APIs, and actively collaborating with the team. I am proud of the accomplishments achieved during my time at T-unt and the positive impact I made in maintaining and improving the T-unt app.

### KPMG | Kenya, Nairobi

#### Data Analyst Intern | 02/2023 - 04/2023

- Collecting, cleaning, and processing data from various sources to ensure it is accurate, complete, and consistent.
- Analyzing large datasets using statistical methods to identify trends, patterns, and insights that inform business decisions.
- Developing and implementing data models, algorithms, and statistical models to solve complex business problems and optimize decision-making.

### MINISTRY OF INNOVATION, COMMUNICATION AND YOUTH AFFAIRS | Kenya, Nairobi

#### IT Support Intern | 05/2022 - 08/2022

- Assisting with the setup, maintenance, and troubleshooting of local area networks (LANs), wide area networks (WANs), and other network infrastructure.
- Conducting regular maintenance checks on computer systems and equipment to ensure optimal performance.
- Collaborating with other IT team members to diagnose and resolve technical problems. Configuring and managing network devices such as routers, switches, firewalls, and access points

## Accomplishments

- By creating an attaches management system I managed to time save and reduce work load for the supervisors.
- Managed to increase productivity and also improve attaches management as the system was able to generate reports.

## Hard Skills

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Python, Django, Data Analysis Skills, Communication skills, SQL, ms office suite, Asynchronous JavaScript And XML, NoSQL, IT Support

## Soft Skills

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- Adaptability in a dynamic environment
- Teamwork
- Problem solving
- Time management

- Written communication skills
- Follow instructions to the letter

## Education

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**The Co-operative University of Kenya | Nairobi**  
**Bachelor's degree in Computer Science | 12/2023**

Awaiting graduation

**UDACITY | Nairobi, Kenya**

**Data analysis | 02/2023**

- Collecting, cleaning, and processing data from various sources to ensure it is accurate, complete, and consistent.
- Analyzing large datasets using statistical methods to identify trends, patterns, and insights that inform business decisions.
- Creating and maintaining data visualizations, dashboards, and reports to communicate findings to stakeholders.
- Developing and implementing data models, algorithms, and statistical models to solve complex business problems and optimize decision-making.

**East Africa Institute Of Certified Studies | Nairobi, Kenya**

**Internation certificate of digital skills | 04/2019**

Modules completed include:

- computer essentials
- online collaboration
- word processing
- spreadsheets
- powerpoint
- Microsoft access

## projects

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1. Attaché Management System: This project involved designing and developing a web-based system for managing the records of attachés in a government agency. As project manager, you oversaw the entire project lifecycle, including requirements gathering, design, development, testing, and deployment. You collaborated with a team of developers and stakeholders to ensure that the system met the agency's needs and was user-friendly.
2. E-commerce backend system using DRF - The backend system was designed to handle various eCommerce functionalities, including product management, order processing, user authentication, and payment integration. Leveraging Django's ORM capabilities, the project efficiently organized and stored product data, enabling seamless searching, filtering, and retrieval of products.
3. Data Wrangling Project: This project involved cleaning and transforming a large dataset from multiple sources into a format that could be used for analysis. As project manager, you developed a data wrangling plan and oversaw a team of data analysts who worked on cleaning and preparing the data. You ensured that the data was accurate, complete, and consistent, and that the final dataset was ready for analysis.
4. Data Visualization: This project involved creating visualizations and dashboards to communicate the insights from a large dataset. As project manager, you worked closely with data analysts and stakeholders to identify the key metrics and insights to be visualized. You oversaw the design and development of the visualizations and dashboards, ensuring that they were user-friendly and communicated the insights effectively. You also ensured that the visualizations were responsive and could be accessed on multiple devices.

## Github link

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[Github link](#)