

MERCY F NYAMBURA KARIUKI

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Portfolio: <https://itsmercy.vercel.app/>

React Developer || Data Scientist || Certified Data Analyst

PROFESSIONAL SUMMARY

Dedicated Data Scientist and Software Developer with a passion for technology. 2 years of experience effectively creating fast and responsive websites. Confident in ability to translate data into valuable and comprehensible insights in order to improve results, make the right decisions and save costs. Committed to continuous improvement and impacting team success.

SKILLS & INTERESTS

HTML, CSS, Javascript, Typescript, React, Next, Tailwindcss, SCSS, Bootstrap, Rails, Ruby

Python, Pandas, R, SQL, Tensorflow, NumPy, Matplotlib, Matlab, SciPy, Scikit-Learn, Keras, Hadoop, Microsoft PowerBI, Jupyter Notebooks

WORK EXPERIENCE

Kenya Revenue Authority

Nairobi, Kenya

Customs and Border Control Intern

Sept 2021 – Nov 2021

- Facilitated international trade by providing expedited clearance of goods through simplified and harmonized Customs procedures
- Collected and accounted for 35% of the gross revenue collected by Kenya Revenue Authority
- Collected and accounted for import duty and VAT as well as agency fees on behalf of other institutions related to cargo

Civil Registration Services

Nairobi, Kenya

Statistics Intern
2021

June 2021 – Sept

- Collected, filed and retrieved birth and death records that later assessed applicants for issuance of birth and death certificates
- Monitored and implemented a one day service report (TAT) field offices in the months of June, July and August, 2021
- Applied statistical analysis on the births and deaths for year 2020 for efficient government planning and accurate monitoring of progress across the country

Kenya Power and Lighting Company

Nairobi, Kenya

Finance Intern

May 2019 – July 2019

- Ensured compliance with financial and accounting standards and regulations
- Reviewed financial services performance and made recommendations to improve efficiency and effectiveness
- Ensured the company interests are adequately covered through insurance and hedging instruments to minimize exposure to losses.

PROJECTS

Mosjra

Nairobi, Kenya

- Built a front-end responsive e-commerce web application that allows users to purchase men, women and children's clothes
- Utilized React, Tailwind and SCSS to simulate possible outcomes based on the user's experience

Ads Click Through Rate Prediction

Nairobi, Kenya

- Used Machine Learning for the task of Ads CTR prediction using Pytho which predicts whether the user will click on the ad.
- Utilized Microsoft Power BI to create a visualisation of the data using a pie chart, histogram and doughnut chart

EDUCATION

Moringa School

Software Engineering Program

Nairobi, Kenya

November 2022 – May 2023:

Daystar University

Bachelor of Science in Economics

Nairobi, Kenya

January 2017 – December 2021