FLORENCE KAMAU

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SUMMARY

- Enthusiastic about data science with a background in accounting, software engineering, and backend development.
- Currently specializing in Data Science to connect finance and technology.
- Skilled in designing and developing financial applications.
- Experienced in programming and generating financial reports.

EDUCATION

African Leadership Experience (ALX) – Africa   ***Ongoing***
Data Science

African Leadership Experience (ALX) – Africa   ***November 2024 – April 2025***
ProDev Front-End Developer Certificate

African Leadership Experience (ALX) – Africa   ***January 2023 – April 2024***
Certificate in Software Engineering (Backend Development)

Kenyatta University – Nairobi, Kenya   ***2018 – 2022***
Bachelor of Commerce, Accounting

PROJECTS

F.L.O.R.A – Financial Ledgers and Operations Report Analysis *(Ongoing)*

- **Role:** Full-stack Developer & Accounting Advisor | **Team Size:** 1
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  Technologies used: Python, JavaScript, Django, ReactJS, Tailwind CSS
- **Key Features:** Financial reporting, double entry, sales, purchase and returns recording using FIFO, invoicing and billing
- **Achievements:** Successfully implemented features for recording sales, purchases, invoices, and bills, as well as integrating functionalities for PDF generation.
- Expanding F.L.O.R.A to include additional features such as: Downloading invoices and bills as PDFs, sending invoices and bills via email, importing financial data from Excel spreadsheets, generating detailed financial reports (inventory summaries, income statements, ledgers,

balance sheets, cash flow statements, expense and income summaries), filtering financial data by date, and closing the books.

AccoTrac – Accounting Web Application *(Mar 2024 – Apr 2024)*

- **Role:** Backend Developer & Accounting Advisor | **Team Size:** 4
- **Technologies Used:** Python, JavaScript, Flask, ReactJS, Bootstrap
- **Key Features:** Financial reporting, double-entry, sales and purchase recording using FIFO.
- **Achievements:** Designed and implemented features for double-entry accounting, financial reporting (balance sheets, income statements), and inventory tracking using FIFO.

VOLUNTEER ACTIVITIES

Website Developer — FGCK Buruburu Church Website *(Volunteer Project)* **January 2025 - Present**
Designed and helped develop the church's official website to enhance its online presence and accessibility.

SKILLS

- **Data & Tools:** SPSS, Advanced Excel, SQL, Python, JavaScript, Django, Flask, ReactJS, Express, MySQL, MongoDB, Git, HTML, CSS, NextJS
- **Accounting Software:** Tally Prime, QuickBooks, Sage 50 Accounts
- **Soft Skills:** Analytical thinking, problem-solving, attention to detail, teamwork, adaptability, communication

INTERESTS

- Integrating finance, accounting, and technology through data science.
- Women Empowerment

CERTIFICATIONS

- Certificate in SPSS & Advanced Excel — Sonek Data School *(Mar 2022)*
- Certificate in QuickBooks & Sage 50 Accounts — Dalworth Statistical Research & Training Center

LANGUAGES

Kiswahili - Native   English - Expert