

CALEB ODIRA OCHIENG

Computer Science | ICT Systems | Data Analytics | Technical Support

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GitHub: <https://github.com/CalebOchieng> | Portfolio: <https://calebochieng.github.io/caleb-portfolio/> | LinkedIn: <https://www.linkedin.com/in/ochieng-caleb-291830213>

PROFESIONAL SUMMARY

Results-driven Computer Science graduate with experience in ICT support, systems administration, software development, and data analytics. Supported 30+ users, managed 10+ devices, reduced ICT resolution time by 40%, and resolved 95% of support requests. Skilled in Power BI, Microsoft Fabric, SQL, DAX, Active Directory, Microsoft 365, and Python.

TECHNICAL SKILLS

Power BI, Microsoft Fabric, DAX, SQL, Python, Excel, Data Visualization, Data Modeling, Windows, Active Directory, Microsoft 365, Google Workspace, Networking, Hardware/Software Troubleshooting, Ticketing Systems, PHP, React, JavaScript, HTML5, CSS3, Bootstrap, MySQL, Git, GitHub, Problem Solving, User Support, Communication, Training, Documentation, Stakeholder Engagement

TECHNICAL PROJECTS (PERSONAL)

Renewable Energy Data Pipeline & Dashboard | [GitHub](#)

Developed a data analytics solution to analyze renewable energy performance and operational efficiency using SQL, Python, and Power BI.

- Built data pipelines to collect, clean, transform, and prepare datasets for analysis and reporting.
- Designed interactive dashboards to monitor energy generation trends and key performance indicators.
- Developed 15+ operational KPIs and interactive reports to support performance monitoring and decision-making.

Agricultural Productivity Dashboard (Power BI) | [GitHub](#)

Designed and developed an end-to-end Power BI dashboard analyzing farmer productivity, input usage, and regional performance to support data-driven decision-making.

- Produced 20+ DAX measures, 10+ business KPIs, and 4 interactive dashboard pages.
- Created DAX measures including Yield per Acre and Input Efficiency to evaluate operational effectiveness.
- Generated actionable insights on fertilizer utilization and regional yield disparities to support productivity improvements.

Farming E-Commerce Platform (PHP & MySQL) | [GitHub](#)

Developed a web-based e-commerce platform to support agricultural transactions, user management, and efficient database operations.

- Designed and developed a database-driven platform enabling farmers to advertise and manage agricultural products online.
- Implemented authentication, product management, CRUD functionality, and database-backed workflows.
- Built a responsive interface that streamlined interactions between farmers and buyers while improving the user experience.

EXPERIENCE

ICT Coordinator & Computing Teacher (Full-Time), Ong’ok the Scholar Educational School, Nairobi, Kenya 04/2025 – 10/2025

- Maintained approximately 98% ICT system availability through proactive maintenance and timely troubleshooting.
- Reduced average ICT issue resolution time by 40%, improving staff productivity and minimizing disruptions.
- Increased teacher adoption of digital learning technologies by 60% through structured training and ongoing support.
- Achieved 100% curriculum coverage while integrating technology into classroom delivery.
- Improved ICT asset management through organized documentation and preventive maintenance schedules.

Software Developer Intern (Volunteer), African Institute for Strategic Purchasing and Research (AISPAR), Remote 01/2023 – 08/2023

- Contributed to successful delivery of procurement system enhancements within project timelines.
- Improved application stability through structured testing and debugging.
- Enhanced database efficiency by supporting data validation and optimization activities.
- Strengthened understanding of full-stack web application development using PHP, React, and MySQL.

ICT Intern (Industrial Attachment), Multimedia University of Kenya, Nairobi, Kenya 07/2022 – 09/2022

- Successfully resolved approximately 95% of assigned ICT support tickets within agreed service levels.
- Reduced workstation deployment time by 30% through standardized installation and configuration procedures.
- Contributed to improved ICT service delivery through timely resolution of user requests.
- Strengthened ICT infrastructure reliability by supporting preventive maintenance activities.

Data Entry Clerk (Short-term Contract), Ken Corpus Limited Company, Remote 01/2022 – 03/2022

- Processed and validated 5,000+ records while maintaining 99%+ data accuracy.
- Improved reporting reliability by identifying and correcting data inconsistencies.
- Consistently met reporting deadlines while handling high-volume data entry assignments.
- Supported data quality initiatives through systematic validation and record verification.

EDUCATION

Africa Nazarene University, Rongai, Kenya | **Bachelor of Science in Computer Science** 09/2018 – 07/2023

CERTIFICATIONS

Microsoft Certified: Fabric Analytics Engineer Associate | [Microsoft Learn](#) | (Issued Dec 2025)

Introduction to Cloud Computing – IBM | [Coursera](#) | (Issued Feb 2022)

Building Web Application in PHP – University of Michigan | [Coursera](#) | (Issued Nov 2020)

LANGUAGES

English – Fluent

Swahili – Fluent