# John Mwaniki Wachira

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or

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🌍 Kenyan | 🗓 Born: 12th December 1989 | 💍 Married

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

## Professional Summary

Results-driven and detail-oriented **Database and ICT Professional** with 10+ years’ experience in system administration, Computer maintenance, Microsoft Dynamics NAV, end user support, and database technologies. Skilled in server configuration, optimizing, and maintaining **PostgreSQL**, **MySQL**, **SQLite**, and **Firebase** databases. Proven ability to deliver secure, scalable, and high-performance database systems. Currently pursuing **CISA Certification** to deepen knowledge in information security and audit

## Soft Skills

* Excellent verbal and written communication
* Good organization skills
* Strong documentation skills- Programs documentation, meetings notes
* Worked with technical teams, been part of the technical teams to produce applications

## Technical Expertise

* **ERP**: Microsoft Dynamics NAV end-user support
* **Audio-Visual Setup**: Projectors, PA systems, presentation equipment
* **System Admin & Networking**: LAN/WAN setup, server profiling
* **Databases**: PostgreSQL, MSSQL, SQLite, Firebase, Oracle (Self-learning), MongoDB (Self-Learning)
* **Database Admin Tasks**: Backup & recovery, schema design, query tuning, performance optimization, documentation
* **Languages**: Python, PHP, Node.js, React
* **Tools**: Microsoft Project, Trello, Jira, Zoho CRM
* **OS/Networking**: System administration, LAN/WAN setup, server profiling

### ****Core Competencies****

* **Database Administration:** PostgreSQL, SQLite, Firebase, Oracle (Self-learning)
* **System & Network Administration**
* **Database Backup & Recovery**, Query Optimization
* **Monitoring & Performance Tuning**
* **24/7 Production Support**
* **Scripting & Automation:** Python, PHP, Node.js
* **Cloud Platforms:** Firebase, AWS, Vercel (deployment)
* **Project Management Tools:** Trello, MS Project, Jira, Visio
* **Documentation & Technical Reporting**

## Education

**Jomo Kenyatta University of Agriculture and Technology (2010 – 2013)**Bachelor’s Degree in Information Technology (Second Class Upper Division)

Key modules: Database, Networking, System Administration, Project management Programming in Java, Web Applications, Computer Maintenance, Proficient in MS Office, Internet Applications, Graphics, and Data Analysis  
  
**St. Mary’s Boys High School (2001 – 2004)**KCSE – A Minus

## Professional Experience

**St. John’s Teachers Training College, Kenya**ICT Trainer — 2018 to December 2022  
Responsibilities:  
• Deliver ICT training to students and staff  
• Assessed training needs and designed course content  
• Organizing and promoting ICT seminars  
• Preparing teaching materials and lesson plans  
• Maintaining ICT training schedule

**St. John’s Teachers Training College, Kenya**

**ICT Technician** — 2015 to December 2017  
Responsibilities:

* Administered and maintained student databases (SQL-based systems)  
  Maintaining computer hardware and LAN systems  
  Managing college website and student database  
  Providing overall system administration and support
* Provided helpdesk support and ticket resolution
* Managed centralized printing systems (setup, maintenance, and troubleshooting)
* Supported AV system setup for meetings and events

Intern – Taifa Sacco Society Limited — 2013  
Responsibilities:  
• Providing IT support and system administration  
• Producing daily and weekly customer reports   
  
Intern – Taita Taveta University College — 2012  
Responsibilities:  
• Computer maintenance and system administration  
• Providing support in IT budget planning with IT Manager

## Certifications

• CISA Certifications (Ongoing: 2024 – 2025)

## ****Professional Software & Tools****

* **Project tools:** Trello, Microsoft Project, Asana (self-learning)
* **CRM/Helpdesk:** Zoho CRM, basic ticket management (*Self-Learning*)
* **Office & Admin:** MS Office Suite, Database Management-SQLite, PostgreSQL, Firebase, and ORACLE (*Self-Learning*)

**Projects Undertaken**

**Project Name:** Nutriquench Smart Water Refill System

**Role:** Lead Team

## Referees

Dr. Damaris Shihudu, Senior Lecturer Kenyatta University -📞 0722387687

Mr. Lukas Kimunya, Manager, Summer Ltd – Nyeri 📞 0722 562 783

Mr. Fredrick A. Odero ICT Manager, Taita Taveta University College 📧 ict.manager@ttuc.ac.ke / fredrick.odero@gmail.com  
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