

Musembi Joseph Makite

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Portfolio: <https://joseph-the-engineer.github.io/joseph-musembi-portfolio/>

PROFESSIONAL SUMMARY

Results-driven **Software Developer & ICT Support Specialist** with strong skills in troubleshooting, software development, and user support. Experienced in building full-stack applications, resolving technical issues, and improving system efficiency. Known for implementing solutions, creating clean code, and delivering excellent customer support. Highly motivated to contribute to a tech-driven organization with strong problem-solving and communication abilities.

CORE SKILLS

- Software & Hardware Troubleshooting
 - Technical Support & Customer Assistance
 - Web Development (React, Django, Flask, Node.js)
 - Database Design & Management (MySQL, PostgreSQL, MongoDB)
 - REST APIs, OOP, Agile Development
 - Git/GitHub Version Control
 - Windows & Linux Administration
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TECHNICAL SKILLS

Programming: Python, Java, C++, JavaScript, SQL, HTML5/CSS3

Frameworks/Tools: React, Node.js, Express, Django, Flask, Spring, Docker, Bootstrap

Databases: MySQL, PostgreSQL, MongoDB, Oracle

Other Tools: Git, phpMyAdmin, pgAdmin, DBeaver, Backup & Recovery, ERD Modeling
Operating Systems: Windows, Linux (Debian/Ubuntu)

WORK EXPERIENCE

Software Developer Intern

Newton Institute of Technology – Migori, Kenya

May 2023 – Aug 2023

- Implemented and troubleshoot software features to improve system performance.
- Created user-friendly interface components based on feedback.
- Explained technical issues to non-technical staff, improving workflow efficiency.
- Assisted in debugging and resolving user-reported issues.

Freelance Web Developer

Transtutors – Remote

Aug 2022 – Present

- Designed and implemented responsive websites using HTML5, CSS3, and Bootstrap.
 - Collaborated with clients to gather requirements and provide timely updates.
 - Troubleshooted bugs, optimized performance, and deployed updates.
 - Delivered excellent customer support and technical guidance.
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PROJECTS

Task Management System (Full-Stack)

React, Node.js, Express, MongoDB

- Developed authentication system using JWT.
- Implemented task assignment, user roles, and activity tracking.

Predictive Data Analysis Tool

Python, Pandas, Scikit-learn

- Built a regression model to forecast sales.
- Visualized data trends using Matplotlib.

E-commerce Website

HTML, CSS, JavaScript, MySQL

- Implemented login system and product database.
- Designed user-friendly shopping interface.

Student Management System

PostgreSQL, Flask, Docker

- Created CRUD operations, backup scripts, and authentication system.

EDUCATION

Bachelor of Science in Applied Computer Science

Kisii University – Kisii, Kenya

Completed: April 2025

Relevant Coursework: Algorithms, Database Systems, Web Development, Machine Learning, Operating Systems, Software Engineering, Computer Networks

KCSE – B+

Nduluni Secondary School – Makueni (2021)

KCPE – 372 Marks

Wiivia Primary School – Makueni (2016)

CERTIFICATIONS

- Certified Python Developer – Coursera (2022)
 - Machine Learning Specialization – Coursera (2023)
 - Web Development Bootcamp – Udemy (2021)
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SOFT SKILLS

- Problem Solving & Critical Thinking
 - Communication & Team Collaboration
 - Time Management & Organization
 - Attention to Detail
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EXTRACURRICULAR & ACHIEVEMENTS

- Africa Hackathon 2023 – Built a real-time traffic monitoring system.
 - Active member, Kisii University Coding Club – Algorithm challenges & coding practice.
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LANGUAGES

- English – Fluent

- Kiswahili – Fluent
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REFERENCES

Available upon request.