Maxwell Wabomba Mutonyi
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Professional Summary

A hands-on, adaptable Information Technology student with strong proficiency in Python, automation, and system integration. Proven experience supporting regulated digital platforms (e.g., eTIMS), managing sensitive data in education systems, and building functional software tools. Committed to supporting safe, efficient, and inspiring learning environments. Brings strong attention to detail, proactive technical problem-solving, and a readiness to contribute to high-performing academic institutions such as Peponi House.

Core Competencies

- Design & Technology Workshop Support
- CAM Equipment Supervision (3D Printers, Laser Cutters)
- Educational Resource Preparation
- Health & Safety Awareness (COSHH, PAT)
- Technical Equipment Maintenance
- Automation & Workflow Optimisation
- Child Protection Awareness
- Inventory and Stock Management

Technical & Professional Skills

- Python (Automation, Data Scripts, Bot Development)
- C#, HTML/CSS, PHP
- Microsoft Office Suite, Excel (Advanced)
- Data Collection & Integrity Validation
- CAD Familiarity (2D/3D design software – conceptual and academic exposure)
- Basic Electronics Assembly & Troubleshooting
- Technical Documentation & Digital Logging
- Music Literacy (basic)
- Strong written and verbal communication
- First Aid Awareness (training pending)

Education

Technical University of Kenya
B.Tech in Information Technology (2023 – Present)
ALX Africa
AI Career Essentials (2024)
Starehe Boys' Centre and School
KCSE (2014–2017)
Marell Academy
KCPE (2015–2016)

Professional Experience
One Touch Interactive LTD [Uza Smart] (2024 - Current**)**
Technical Assistant – eTIMS Integration
- Configured and deployed KRA-compliant eTIMS systems across SMEs.
- Provided post-deployment support including maintenance, user training, and issue resolution.
- Automated invoice workflows and maintained digital system health logs.
- Ensured regulatory compliance and coordinated with cross-functional teams.
- Introduced safety routines and documentation processes aligned with compliance frameworks.

Kenya National Examination Council (2024)
Data Collector & Entry Specialist (SEQIP, NASMLA Grade 3 & 8)
- Captured and validated data from over 500 schools using digital platforms.
- Maintained integrity and traceability of educational assessment records.
- Adhered to strict procedural and confidentiality protocols under national assessment regulations.

Additional Skills & Attributes
- Fluent in English and Swahili
- Passion for educational technology and child-centered innovation
- Strong sense of responsibility, professionalism, and initiative
- Committed to continuous professional development
- Patient, organized, and calm under pressure
- Excellent team collaborator
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Leisure & Personal Interests
- Music appreciation and theory (brassband)
- Outdoor hiking and recreational football
- Reading technology journals and educational research
- Volunteering in youth mentorship and digital literacy

I am always eager to grow, collaborate, and bring value through technology. Let's connect!