

# JeanLuc MUSENGAYEZU

IT Project Management | Systems Administration | Database Management | Network Infrastructure

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 Masaka, Kigali City, Rwanda

## PROFESSIONAL PROFILE

Results-driven IT professional with 3+ years of comprehensive experience in system administration, database management, and enterprise IT infrastructure. Proven expertise in database design and development (MySQL, PostgreSQL), Microsoft Intune deployment, network security, and business process automation. Strong background in NGO, security, and manufacturing IT environments with experience supporting operations across multiple locations. Passionate about leveraging technology to optimize business processes and support digital transformation initiatives.

## CORE TECHNICAL COMPETENCIES

### System Administration & Infrastructure

- ▶ Microsoft Intune deployment and management
- ▶ Network administration (LAN/WAN troubleshooting)
- ▶ Server administration and virtualization
- ▶ Security patch management and system updates

### Database & Data Management

- ▶ MySQL and PostgreSQL database design and administration
- ▶ Database creation, schema design, and optimization
- ▶ Data backup systems and disaster recovery
- ▶ Business intelligence reporting and analytics

### Development & Automation

- ▶ Database application development (XAMPP stack)
- ▶ Business process automation solutions
- ▶ Custom reporting systems
- ▶ User access control and authentication

### Support & Training

- ▶ End-user technical support and training
- ▶ Remote system monitoring and troubleshooting
- ▶ Documentation and procedure development
- ▶ Workshop facilitation and capacity building

## PROFESSIONAL EXPERIENCE

### ICT for Development Professional Intern WaterAid Rwanda

May 2025 – Present | Kimihurura, Kigali

- Designed and developed a comprehensive MySQL database solution for social fund management, tracking employee contributions and expenditures for 32 staff members, eliminating manual tracking inefficiencies and providing automated financial calculations

- Created database schema with multi-table architecture including admin controls, user management, contribution tracking, and expense reporting modules, enabling transparent financial accountability
- Implemented automated reporting system that generates detailed summaries of social fund usage for organizational events, replacing previous manual processes and improving financial oversight
- Successfully deployed Microsoft Intune across organizational infrastructure, ensuring security compliance and centralized device management
- Maintained and secured network systems using Cisco infrastructure, supporting operations across multiple field locations
- Implemented automated daily backup systems for critical organizational data with cloud-based storage solutions
- Conducted regular security assessments and vulnerability analyses, maintaining 99.8% system uptime
- Provided comprehensive technical training to staff on system usage and data security protocols

## **Tech Systems Expert**

### **KK Security Ltd (GardaWorld)**

*Jan 2022 – Jun 2023 | Nyarutarama, Kigali*

- Configured and maintained electronic access control systems for high-security industrial environments
- Performed systematic security audits and compliance assessments for manufacturing and banking sector clients
- Developed and implemented preventive maintenance schedules for critical security infrastructure
- Collaborated with technical teams on incident response and system recovery procedures
- Trained client staff on proper security system operation and emergency protocols

## **IT Systems Operator**

### **Ameki Color Rwanda**

*May 2019 – Dec 2020 | Masoro, Kigali*

- Conducted comprehensive security assessments of manufacturing systems and network infrastructure
- Implemented user access control systems and monitored production system integrity
- Performed regular diagnostic maintenance and optimization of manufacturing IT systems
- Provided technical support and training to production staff on system usage and security protocols

## **EDUCATION & QUALIFICATIONS**

### **Bachelor's Degree in Business Information Technology**

#### **University of Rwanda**

*June 2022 – October 2025*

### **Advanced Diploma – Electronics Services**

#### **Saint Emmanuel School Complex**

*Feb 2018 – Aug 2021*

## **PROFESSIONAL CERTIFICATIONS & TRAINING**

- Full-Stack Software Engineering Certificate | ALX Africa | Nov 2023 – Feb 2025
- AI-Augmented Professional Development | ALX Africa | Apr 2024 – May 2024
- Virtual Assistant Professional Certificate | ALX Africa | Jul 2024 – Aug 2024

## PROFESSIONAL REFERENCES

### Auxille NGABO

Head of Finance and ICT – WaterAid Rwanda  
Phone: +250 784 628 584  
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### Ritha UMUHOZA Sandrine

Chief Operating Officer – YATO Marketing Agency  
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### Didier SANGWA

ICT For Development Officer – WaterAid Rwanda  
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### John Njoroge

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