KABUNDI Tshisuaka

365 Starbuck Parkway, GA 30567 | bertintshisuaka2025@gmail.com | (555) 123-4567

Professional Summary

Highly analytical and results-driven professional transitioning into **Lead DevOps Engineering** with a robust 18-year background in **Maintenance Engineering** and **Industrial Automation**. Expert in **systems troubleshooting**, **electrical diagnostics**, and **PLC programming**, demonstrating a deep, practical understanding of complex, mission-critical infrastructure. Proven ability to lead operations, mentor teams, and solve high-pressure problems—all directly transferable to leading **DevOps initiatives** and managing **cloud infrastructure** and **deployment pipelines**. Recently completed comprehensive training in Full Stack Web Development and QA Software Testing, providing a strong foundation in modern software development life cycles (SDLC), CI/CD principles, and quality assurance. Seeking to leverage extensive experience in system reliability and automation to drive efficiency and resilience as the Lead DevOps Engineer at Tenna.

Technical Skills

Category	Skills
DevOps & Cloud	CI/CD, Infrastructure as Code (IaC), **Cloud Infrastructure** (Conceptual), Monitoring & Logging, System Administration
Automation & Systems	**PLC Programming** (Allen-Bradley, Siemens), Industrial Control Systems, Electrical Troubleshooting, System Diagnostics, Process Optimization
Programming	JavaScript (Node.js/React), Python, HTML5, CSS3, SQL
Tools & Platforms	Git, GitHub, RESTful APIs, **Deployment Pipelines** (Conceptual), Software Testing Tools, Linux/Unix
Quality Assurance	Manual Testing, Automated Testing (Conceptual), Test Case Development, Bug Tracking

Professional Experience

Senior Maintenance Engineer / Maintenance Lead (Consolidated) | 2007 – Present
Multiple Companies across the USA

Note: This section consolidates 18+ years of experience across 8+ companies to focus on transferable skills and leadership.

- **System Reliability & Operations Leadership:** Led and mentored maintenance teams (up to 5 technicians) across multiple high-volume manufacturing environments, ensuring 24/7 operational uptime for complex machinery and **industrial automation** systems.

- **Advanced Troubleshooting and Diagnostics:** Utilized **logical thinking** and systematic diagnostic processes to rapidly identify and resolve critical system failures, minimizing downtime and saving an estimated 15% in potential production losses annually.

- **Automation and Control Systems Management:** Developed, programmed, and maintained **PLC (Programmable Logic Controller) systems** for industrial machinery, directly correlating to the development and management of software **deployment pipelines** and automated infrastructure.

- **Infrastructure Management:** Managed the full lifecycle of electrical and mechanical infrastructure, including installation, calibration, preventive maintenance, and system upgrades, directly analogous to managing **cloud infrastructure** and system architecture.
- **High-Pressure Problem Solving:** Consistently solved complex, novel problems under extreme time constraints, demonstrating the critical **leadership skills** and resilience required to manage production-critical software releases.

Relevant Software Projects

CI/CD Pipeline Simulation Project (Conceptual) | 2023 *Georgia Institute of Technology Full Stack Web Development Bootcamp*

- Designed a conceptual **CI/CD pipeline** for a full-stack application, outlining stages from code commit to automated testing and final deployment, demonstrating foundational knowledge of modern DevOps workflows.
- Implemented version control using Git and GitHub, practicing branching strategies and pull request workflows essential for collaborative software development.

Automated Inventory Management System (Full Stack) | 2023 *Georgia Institute of Technology Full Stack Web Development Bootcamp*

- Developed a full-stack web application using the MERN stack (MongoDB, Express, React, Node.js) to manage industrial inventory, applying principles of system design and data integrity.
- Focused on building a reliable and scalable backend API, reinforcing the understanding of system dependencies and performance optimization crucial for **senior-level DevOps experience**.

Education & Certifications

QA Software Tester Certificate | 2025 *JanBask Training*

Full Stack Web Development Bootcamp Certificate | 2023 *Georgia Institute of Technology*

Bachelor of Science in Software Engineering | 2016 *University of Phoenix*

Technical Engineering in Electromechanical *DRC (Democratic Republic of Congo)*