KABUNDI Tshisuaka

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Professional Summary

Highly motivated and results-oriented professional transitioning from over **18 years of high-pressure industrial automation and maintenance engineering** to a career in software development and application support. Proven expert in **systems troubleshooting**, **diagnostics**, and **resolving complex production incidents** to maintain operational stability. Possesses a strong **development background** and logical thinking developed through PLC programming and reinforced by a B.S. in Software Engineering and a Full Stack Web Development Bootcamp. Seeking to leverage deep experience in **problem-solving**, **on-call support**, and developing **small enhancements** (automation scripts/PLC logic) to excel as an **Application Support Developer** at Symmetry Lending.

Technical Skills

Category	Skills
Programming & Web	Python, JavaScript (ES6+), HTML5, CSS3, React, Node.js, Express.js, SQL, MongoDB
Development Tools	Git, GitHub, VS Code, Postman, RESTful APIs
Support & Operations	**Application Support**, **Troubleshooting**, **Production Incident Resolution**, System Diagnostics, **On-Call Support**, System Monitoring, Ticketing Systems (Conceptual)
Industrial Automation	**PLC Programming** (Ladder Logic, Structured Text), Industrial Control Systems, **Automation**, Electrical Troubleshooting, System Maintenance
Quality Assurance	QA Testing, Manual Testing, Test Case Development, Software Testing Life Cycle (STLC)

Work Experience

Maintenance Engineering Specialist (Consolidated Experience) | 2007 – Present
Multiple Companies in the USA

- Executed over 18 years of comprehensive **maintenance engineering operations** across various high-volume manufacturing environments, ensuring maximum uptime and **application stability** for critical industrial systems.

- Expertly performed **electrical troubleshooting and diagnostics** on complex machinery, identifying root causes of system failures and implementing immediate solutions to **resolve production incidents** under high-pressure conditions.

- Developed and maintained **PLC (Programmable Logic Controller) systems and industrial automation** logic, effectively acting as a software developer for control systems by writing, testing, and deploying logic to drive critical business processes.

- Applied **strong troubleshooting skills** and logical reasoning to maintain, repair, and optimize control systems, directly translating to the ability to diagnose and

maintain application stability in a software environment.

- Provided consistent **on-call support** for critical system failures, demonstrating reliability and commitment to 24/7 operational readiness and swift incident resolution.

Relevant Projects

1. E-Commerce Inventory Management System (Full Stack) * **Description:** Developed a full-stack web application using the MERN stack (MongoDB, Express.js, React, Node.js) to manage product inventory, track stock levels, and process orders. * **Relevance:** Built and maintained a stable application environment. Implemented robust data validation and error handling, showcasing a **development background** and ability to **develop small enhancements** and features.

2. Automated System Health Check Script (Python) * **Description:** Created a Python script to monitor the operational status and log files of a simulated industrial control system, alerting administrators to anomalies. * **Relevance:** Directly simulates the core function of an **Application Support Developer** by proactively monitoring system health, performing diagnostics, and providing the necessary data to **resolve production incidents** quickly.

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 | **[Date Inferred: 2007]** DRC (Democratic Republic of Congo)

Note: Dates for Technical Engineering degree are inferred to be prior to 2007 based on 18+ years of work experience.