KABUNDI Tshisuaka

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PROFESSIONAL SUMMARY

Highly motivated and results-oriented professional with **18+ years of deep systems-level experience** in complex industrial automation environments, successfully transitioning to a career in **Senior Java Software Engineering**. Proven expertise in **problem-solving**, **logical thinking**, and **systems troubleshooting** gained from managing business-critical maintenance engineering operations across multiple companies. Adept at applying principles of **industrial automation** and **PLC (Programmable Logic Controller) programming** to modern software development, demonstrating a strong foundation in control flow, logic, and system architecture. Recently completed intensive Full Stack Web Development and QA Software Tester certifications, gaining hands-on experience with **Java/Spring Boot** and enterprise application development. Seeking to leverage a unique blend of robust engineering discipline and cutting-edge software skills to build and scale Java applications at Bellwood Labs.

TECHNICAL SKILLS

- **Languages & Frameworks:** Java, Spring Boot, C#, JavaScript, Python, HTML5, CSS3, SQL

- **Databases:** PostgreSQL, MySQL, MongoDB

- **Tools & Platforms:** Git, GitHub, Docker, Kubernetes, AWS, IntelliJ IDEA, VS Code

- **Engineering & Automation:** PLC Programming (Ladder Logic, Structured Text), Industrial Control Systems, Electrical Troubleshooting, Diagnostics, Systems Architecture

PROFESSIONAL EXPERIENCE

Maintenance Engineering Operations (Consolidated) | USA **Maintenance Engineer** | 2007 – Present

- Applied **systems troubleshooting** and **logical thinking** to diagnose and resolve complex electrical and mechanical failures in high-pressure manufacturing environments, ensuring maximum uptime for business-critical systems.

- Managed and maintained **industrial automation and control systems**, including the programming and optimization of **PLC (Programmable Logic Controller)** systems, directly translating to experience with software logic and sequential process control.

- Executed preventative and corrective maintenance across a wide range of enterprise-level machinery, developing a strong discipline in process management and documentation.

- Oversaw maintenance operations across 8+ companies, consistently implementing process improvements that enhanced system reliability and operational efficiency.

- Developed and implemented diagnostic protocols for electrical systems, significantly reducing mean time to repair (MTTR).

RELEVANT PROJECTS

Enterprise Inventory Management System (Java/Spring Boot) * Developed a full-stack, enterprise-grade web application using **Java** and the **Spring Boot framework** to manage and track industrial equipment inventory. * Designed and implemented RESTful APIs for CRUD operations, ensuring secure and scalable data access. * Utilized PostgreSQL for the database and integrated a robust security layer for user authentication and authorization, mirroring the requirements of **business-critical web products**.

Automated System Health Monitor (C#/.NET) * Created a desktop application in **C#** and .NET to monitor the health and performance of critical plant floor systems, demonstrating competency with a beneficial technology for this role. * Implemented a diagnostic logging feature that captured real-time system data, applying principles of

data integrity and system reliability learned from years of **electrical troubleshooting and diagnostics**.

EDUCATION & CERTIFICATIONS

QA Software Tester Certificate | JanBask Training | 2025

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

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

Technical Engineering in Electromechanical | DRC (Democratic Republic of Congo) | Dates Not Specified (Pre-2007)