

KABUNDI Tshisuaka

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Professional Summary

Highly analytical and results-driven professional with over **18 years of experience** in complex industrial automation and systems engineering, transitioning into a software development career with a focus on **Oracle CPQ solutions**. Possesses a strong foundation in **systems design, logical thinking, and complex problem-solving** honed through extensive experience in high-pressure manufacturing environments, electrical troubleshooting, and **PLC (Programmable Logic Controller) programming**. Certified in Software Engineering and Full Stack Web Development, I am adept at translating business requirements into functional, scalable solutions. Seeking to leverage deep-rooted system-level understanding and recent development expertise to **design and develop Configure Price Quote (CPQ) functionality** as an Oracle CPQ Developer.

Technical Skills

Category	Skills
CPQ & CRM	Oracle CPQ, Configure Price Quote (CPQ), Salesforce, CRM Systems
Programming	JavaScript, Python, HTML5, CSS3, SQL, Node.js, React, Java
Automation & Systems	PLC Programming (Ladder Logic, Structured Text), Industrial Control Systems, SCADA, Electrical Troubleshooting, System Diagnostics, Industrial Automation
Development Tools	Git, GitHub, RESTful APIs, Agile/Scrum, VS Code
Testing	QA Software Testing, Test Case Development, Functional Testing, Debugging

Projects

E-commerce CPQ Simulator (Full Stack Web Development Bootcamp Capstone) *

Developed a full-stack application simulating a basic Configure, Price, Quote (CPQ) system for a customizable product line. * Implemented complex pricing rules and logic using JavaScript and Node.js to dynamically calculate costs based on user selections and quantity tiers. * Designed a responsive user interface with React to guide the configuration process, ensuring a seamless user experience. * Managed product data and configuration logic using a SQL database, demonstrating proficiency in data modeling for complex systems.

Industrial System Monitoring Dashboard * Created a web-based dashboard to visualize real-time data from simulated industrial control systems (SCADA/PLC data). * Utilized Python and a RESTful API to ingest and process data streams, applying logical conditions to trigger alerts for system anomalies. * Demonstrated ability to bridge operational technology (OT) concepts with information technology (IT) development practices.

Work Experience

Maintenance Engineer / Industrial Automation Specialist 8+ Companies (Consolidated) | USA 2007 – Present

Consolidated experience across 18+ years and 8+ companies in the US, specializing in maintaining, troubleshooting, and optimizing complex electromechanical and automated systems.

- Spearheaded **electrical troubleshooting and diagnostics** for critical manufacturing equipment, reducing system downtime by an average of 15% through systematic, logical problem-solving.
 - Designed, implemented, and maintained **PLC (Programmable Logic Controller) programs** and industrial control systems, directly translating complex business logic into reliable, automated sequences.
 - *Translation to Software:* This experience is directly analogous to **designing and developing complex business rules and configuration logic** in CPQ systems.
 - Managed and executed preventative maintenance programs, demonstrating a meticulous approach to system integrity and long-term performance optimization.
 - Functioned as a primary problem-solver in high-pressure production environments, requiring rapid analysis of system failures and implementation of effective, durable solutions.
 - Trained junior technicians on system operation and advanced diagnostic techniques, showcasing strong communication and documentation skills.
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Education & Certifications

QA Software Tester Certificate (Expected Completion: 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)