

# KABUNDI Tshisuaka

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## Professional Summary

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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.

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# 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

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**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

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**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)