

KABUNDI Tshisuaka

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Professional Summary

Highly analytical and results-driven professional transitioning from a successful **18-year career in Maintenance Engineering** to a **Full Stack Developer** role, leveraging a robust foundation in systems analysis, problem-solving, and industrial automation. Proven expertise in **electrical troubleshooting, PLC programming, and industrial control systems** directly translates to strong **logical thinking** and **systems development** capabilities required for modern web applications. Recently certified in **Full Stack Web Development** from the Georgia Institute of Technology, I am proficient in both **front-end** and **back-end** technologies. Seeking a challenging **Remote Full Stack Developer** position at FreeUp to apply a unique blend of mission-critical system reliability experience and modern software development skills to **develop full-stack web applications** and contribute immediately to a **remote collaboration** environment.

Technical Skills

Category	Skills
Full Stack Development	JavaScript (ES6+), Node.js, React, Express.js, HTML5, CSS3, RESTful APIs, Git, Agile/Scrum
Databases	MongoDB, PostgreSQL, MySQL
Core Programming	Python, C++, SQL
Testing & Quality	Unit Testing, Integration Testing, QA Software Testing (Expected 2025)
Automation & Systems	PLC Programming (Allen-Bradley, Siemens), Industrial Automation, Control Systems, Electrical Troubleshooting, Diagnostics
Operating Systems	Windows, Linux

Relevant Projects

- 1. E-Commerce Platform API (Full Stack)** * **Description:** Developed a robust back-end **RESTful API** for a scalable e-commerce application, focusing on optimal data flow and security. * **Technologies:** Node.js, Express.js, MongoDB, JWT for authentication. * **Contributions:** Designed and implemented data models, established secure user authentication, and managed API endpoints for product, order, and user data, demonstrating strong **back-end skills**.
- 2. Real-Time Dashboard Application (Front End)** * **Description:** Built a responsive and dynamic **front-end** dashboard to visualize data from a simulated industrial control system. * **Technologies:** React, Redux, HTML5, CSS3. * **Contributions:** Created reusable React components, implemented state management for real-time data updates, and ensured cross-browser compatibility, highlighting **front-end development** proficiency.

Work Experience

Maintenance Engineering Specialist (Consolidated) | 2007 – Present *Multiple Companies across USA*

- **System Diagnostics and Troubleshooting:** Applied advanced **logical thinking** and diagnostics to identify and resolve complex failures in mission-critical industrial machinery and control systems, reducing downtime by an average of 15%.
- **Industrial Automation and PLC Programming:** Developed, maintained, and optimized **PLC (Programmable Logic Controller) programming** for automated manufacturing processes, directly translating to experience in structured programming, systems logic, and control flow—key skills for **full-stack development**.
- **Process Optimization:** Engineered and implemented system modifications to enhance operational efficiency and reliability, demonstrating a strong capacity for **problem-solving** in high-pressure manufacturing environments.
- **Remote Collaboration:** Successfully managed and coordinated maintenance operations across multiple shifts and locations, requiring clear communication and effective **remote collaboration** skills.
- **Technical Leadership:** Mentored junior technicians on electrical troubleshooting, system diagnostics, and safety protocols, ensuring adherence to strict technical standards.

Education & Certifications

Full Stack Web Development Bootcamp Certificate (2023) *Georgia Institute of Technology (Georgia Tech)*

Bachelor of Science in Software Engineering (2016) *University of Phoenix*

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

QA Software Tester Certificate (Expected 2025) *JanBask Training*