KABUNDI Tshisuaka

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PROFESSIONAL SUMMARY

Highly motivated and results-oriented professional transitioning from over **18 years of high-stakes Maintenance Engineering** to a career in **Front-End Development**, specifically focused on **React Web** applications. Proven expertise in **systems troubleshooting**, diagnostics, and **industrial automation** (PLC programming), which directly translates to strong **logical thinking**, complex **problem-solving**, and a deep understanding of system architecture required for robust software development. Seeking to leverage recent **Full Stack Web Development** training and a technical foundation to contribute immediately to the development of responsive, high-quality user interfaces at Backpack.

TECHNICAL SKILLS

Category	Skills
Front-End	**React.js**, JavaScript (ES6+), HTML5, CSS3, Redux, Node.js, RESTful APIs, UI/UX Principles
Development Tools	Git/GitHub, VS Code, npm, Webpack, Babel
Transferable Engineering	PLC Programming (Ladder Logic, Structured Text), Industrial Automation, Electrical Troubleshooting, Diagnostics, Control Systems, System Integration
Quality Assurance	Software Testing, Test Case Development, Bug Tracking, Agile/Scrum Methodologies

WORK EXPERIENCE

Maintenance Engineer (Consolidated Experience) | Multiple Companies across USA
Maintenance Engineering Operations | July 2007 – Present

- Applied **systems troubleshooting** and diagnostics across complex electromechanical systems, consistently reducing equipment downtime by an average of 15%.

- Managed and programmed **Programmable Logic Controllers (PLC)** and industrial automation systems, demonstrating a strong foundation in sequential logic, data flow, and control system architecture—a direct parallel to software state management and application flow.

- Executed electrical troubleshooting and repair, requiring meticulous attention to detail, logical deduction, and adherence to strict safety and quality standards.

- Consistently demonstrated **problem-solving** skills in high-pressure manufacturing environments, making critical, time-sensitive decisions to maintain operational efficiency.

- Collaborated with cross-functional teams (production, management) to implement system upgrades and process improvements, mirroring the need for collaboration with design and product teams.

SOFTWARE PROJECTS

1. E-Commerce Shopping Cart Application (React Web) *A fully functional, responsive single-page application (SPA) built to simulate a modern e-commerce experience.*

- Developed the entire front-end using **React.js** and functional components, managing application state with **Redux** for predictable data flow.

- Designed and implemented a responsive UI/UX using CSS, ensuring optimal display and usability across desktop and mobile devices.

- Integrated with a mock RESTful API to handle product data, user authentication, and shopping cart operations.

2. Task Management Dashboard (React/Node.js) *A full-stack application for organizing and tracking personal and team tasks.*

- Created a dynamic and intuitive user interface with **React** to allow users to create, edit, and categorize tasks.

- Focused on **UI/UX sensibility** by implementing features like drag-and-drop task reordering and real-time status updates.

- Utilized Node.js and Express for the backend API, demonstrating full-stack understanding and the ability to work with API endpoints.

EDUCATION & CERTIFICATIONS

QA Software Tester Certificate | **JanBask Training** *Anticipated Completion: 2025*

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

Bachelor of Science in Software Engineering | **University of Phoenix** *Completed: 2016*

Technical Engineering in Electromechanical | **DRC (Democratic Republic of Congo)** *Date of Completion: Prior to 2007*