

LONNIE LEE

Senior Systems & Infrastructure Engineer | KY Master Electrician
Rineyville, Kentucky

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EXECUTIVE SUMMARY

Senior Systems Engineer with over 10 years of experience managing high-availability infrastructure across the **United States and Canada**. Expert in bridging the gap between **enterprise IT (Microsoft AD, Linux)** and **Industrial OT (PLCs, Rugged Hardware)**. Licensed **Kentucky Master Electrician** capable of overseeing both the digital core and physical power integrity of mission-critical facilities.

TECHNICAL EXPERTISE

- **Infrastructure:** MS Active Directory, Windows Server 2018, [VMware](#), Nutanix, TrueNAS.
- **Linux Administration:** RHEL, CentOS, Slackware, Ubuntu, MX Linux.
- **Networking & Security:** Fortinet, OPNsense, VLANs, VPNs, Cloudflare, Active Directory GPOs.
- **Industrial OT:** Allen Bradley PLC, Zebra/Motorola Handhelds (MC3300/MC9190), Cognex/Sick Scanners, RFID.
- **DevOps & Automation:** Kubernetes, Docker, GitLab CI/CD, Python, Bash, PowerShell.
- **Development:** C#, VB.NET, ASP.NET, SQL Server (T-SQL Stored Procedures).

PROFESSIONAL EXPERIENCE

Senior Systems Engineer | *Multi-Site Operations (USA & Canada)* | 2012 – 2024

- **Engineered multi-site MS Active Directory** architectures, ensuring consistent identity management and security policy enforcement for international locations.

- **Orchestrated enterprise software upgrades** and patch management cycles across distributed server environments using **Dameware** and **PuTTY**.
- **Designed real-time data automation** using T-SQL stored procedures to monitor conveyor belt errors, reducing industrial downtime through automated email alerting systems.
- **Provisioned virtualized environments** on **Nutanix** and **VMware**, optimizing resource allocation for high-performance service-based applications.

Senior Industrial IT Administrator | *Confidential Facility* | 2012 – 2024

- **Bridged legacy and modern systems** by implementing IBM 5250 emulators on **Raspberry Pi** via open-source TN5250 tools.
- **Managed power integrity** as the Master Electrician of Record, ensuring electrical code compliance for server rooms and industrial warehouse floors.
- **Engineered custom hardware solutions**, including Pi-based kiosks and warehouse-wide automated break tone systems.

LICENSES & CERTIFICATIONS

- **Kentucky Master Electrical License** (Active/In Good Standing)
- **Kentucky Electrical Contractors License** (Active/In Good Standing)
- **Continuing Education:** Actively studying Kubernetes (CKA) and GitLab CI/CD Automation.