

Tyler Stinnett

IT Support & Network Administration

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SUMMARY

Networking-trained IT support professional with over two decades of hands-on troubleshooting across retail, financial, administrative, and manufacturing environments, paired with self-taught, production-grade software development experience (Electron desktop apps, full-stack web platforms) using AI-assisted development to move faster and more accurately. Comfortable owning a problem end-to-end — from root-cause diagnosis to a working fix — across hardware, networks, and code.

TECHNICAL SKILLS

Networking: TCP/IP, DNS/DHCP, VLANs, Cisco IOS & routing/switching, VPN, firewalls, pfSense

Systems: Windows Server, Active Directory & Group Policy, Linux, Microsoft 365 / Entra Connect

Virtualization & Storage: VMware ESXi, TrueNAS, RAID/JBOD storage administration

Tools & Scripting: PowerShell, Python, Bash, Git, Wireshark, hardware diagnostics & repair

Development: JavaScript, Node.js, Electron, React, Next.js, PostgreSQL, REST APIs, AI-assisted development

Professional: Team supervision, training & onboarding, cash/records management, customer support

Home Lab: Self-designed 42U rack — pfSense routing/firewall, Cisco PoE switching, VMware ESXi, TrueNAS/JBOD storage

INDEPENDENT SOFTWARE DEVELOPMENT — ELITE LEVEL SOLUTIONS

Founder & Developer

2024 — Present

- Designed, built, and shipped 4+ production desktop and web applications solo, including a GitHub backup/vault tool, a cross-platform multi-instance session manager (Windows API/mutex-level engineering), and a full-stack IT certification study platform (Next.js, PostgreSQL).
- Diagnosed and resolved a production-only hydration failure by tracing it to a security header silently blocking framework hydration — root-cause debugging under real deployment conditions.

PROFESSIONAL EXPERIENCE

Teller — Covantage Credit Union

Aug 2025 — Present

- Handle high-volume cash transactions and account operations inside core banking software with zero tolerance for discrepancy.
- Identify and flag irregular account activity; troubleshoot transaction errors in real time.

Front End Team Lead — Walmart

June 2024 — Aug 2025

- Oversaw front-end operations, staffing, and systems across cashiers, self-checkout, and customer service.
- Built training material and workflow fixes on own initiative to reduce recurring errors; owned store-wide cash/transaction accuracy.

CNC Machinist — Waukesha Bearings

Mar 2024 — June 2024

- Set up and operated CNC milling/lathe machines; diagnosed tolerance deviations and adjusted machine code/offsets to correct them.

Administrative Assistant — USDA NRCS

June 2022 — Mar 2024

- Managed contract data and payment processing inside agency-specific software; audited records for accuracy and compliance.
- Proactively recommended procedural changes that closed process gaps.

Automotive & Technical Service Roles — Various (Service Advisor, Automotive Technician, Machine Operator)

2003 — 2022

- Extensive diagnostic and repair experience across electrical, mechanical, hydraulic, and pneumatic vehicle systems.

EDUCATION

IT — Network & Systems Administration, Technical Diploma

Northcentral Technical College · 2017

Coursework: Cisco networking (routing/switching/WAN), Windows Server, Linux Essentials, PowerShell scripting, network security, cloud foundations.

CERTIFICATIONS

CompTIA A+ — in progress

Network+ — planned

CCNA — planned