Contact

Dayton, TX (Greater Houston)

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Skills

Systems
Windows Server, Active Directory, Group Policy, Windows 10/11, Ubuntu, Debian, macOS

Networking and security
TCP/IP, VLANs, DNS, DHCP, Wi-Fi, VPN, firewalls, vulnerability assessment, SPF/DKIM/DMARC

Backup and recovery
Synology, QNAP, snapshots, rsync, Backblaze B2, rclone, Clonezilla, restore testing

Endpoints
Mosyle MDM, Apple Business Manager, Windows provisioning, shared printers, Microsoft 365 apps

Automation and AI
PowerShell, Python, Bash, Claude Code, Codex, MCP, Obsidian context, multi-model review

Servers and production
Dell PowerEdge, FileMaker Server, Docker, Kubernetes, ONYX RIP, Esko Kongsberg

Education

Math coursework, Antelope Valley College. GED with web page design coursework.

Neal Spangler

System Administrator

System administrator with 7 years managing office IT. The only sysadmin at Design Ventures, a sign and print manufacturer, responsible for user support, Windows and Mac computers, Linux servers, networking, backups and production systems. Automates recurring work with PowerShell, Python and Bash.

Experience

System Administrator — Jan 2026 – Present
Design Ventures (sign and print manufacturer)

- Support and secure 63 networked devices, including Mac and Windows computers, Linux servers, NAS, VoIP and 24 cameras. Handle help desk requests for all staff.
- Moved the FileMaker system (about 414 GB including attachments) to a Dell PowerEdge server after rehearsing the cutover and checking rollback readiness.
- Set up hourly and nightly snapshots and a second-NAS mirror with deletion limits. Configured an offsite transfer. Replaced database dumps that could not be restored.
- Led the move from Dropbox to company-owned storage. Mirrored and checked 560,000+ files, wrote instructions for users and moved computers in groups.
- Moved 12 Macs to Mosyle mobile device management (MDM). Reset one test Mac to verify enrollment and migrated the rest in place. Scripts apply and check printer, share and other settings.
- Ran vulnerability assessments and prioritized fixes. Set up DKIM signing that got sales replies to 2 large customers out of quarantine.
- Automated health checks, repairs and backups, with alerts when conditions change and a runbook of fixes and decisions.
- Ran the production floor alongside IT, trained new hires on six machine types and led crew meetings.

System Administrator — Oct 2019 – Dec 2025
Woodin Ventures LLC (gaming entertainment)

- Managed all IT for an office of 12 people: network, Wi-Fi and firewall, servers, storage and backups, phones, cameras and office equipment.
- Supported every user and managed vendors and hardware purchasing.

Substitute Teacher — Aug 2017 – Sep 2019
Dayton Independent School District, Dayton, TX

General Manager — Oct 2009 – Aug 2017
Papa John's, then Cici's Pizza: scheduling, inventory, delivery logistics and waste reduction

Selected projects

Scan-to-cut automation. Matched the cutter's undocumented barcode format byte for byte. Automatically converted 200 of 296 existing cut guides into cutter programs (68%). spanglertech.com/work/scan-to-cut

AI agents with command checks. Used multi-model review, command checks outside the model and approval for risky work.
spanglertech.com/work/ai-agents