# DANIEL KILL

**Senior IT Manager • Infrastructure & Systems Leadership • DevOps & Automation (Strictly Remote)**

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## PROFESSIONAL SUMMARY

Accomplished IT Manager and Infrastructure Engineer with 22+ years of enterprise technology leadership, systems administration, and infrastructure modernization experience, strictly targeting 100% remote senior leadership roles. Proven track record directing multi-facility IT operations, leading large-scale platform migrations (improving system efficiency by 30%), enforcing cybersecurity governance, and ensuring 99.9% uptime for business-critical systems. Pairs two decades of strategic IT leadership with deep hands-on expertise in modern software engineering and automation—including Go (Golang), Linux/WSL2, Docker containerization, PowerShell 7, and multi-provider AI systems architecture.

## TECHNICAL SKILLS

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| **Leadership & Governance:** | IT Operations, Infrastructure Modernization, Cybersecurity & Access Control, IT Policy & Compliance, Disaster Recovery & Business Continuity (DR/BC), Vendor & Contract Negotiations, Budgeting, Staff Mentorship. |
| **Systems & Infrastructure:** | Linux (Ubuntu/Debian, systemd daemons, SSH/GPG), Windows Server / Windows 11, Hyper-V Virtualization, WSL2 Hybrid Architectures, Network Administration, Cloud & VPS Hosting. |
| **Languages & Scripting:** | Go (Golang), PowerShell 7 / pwsh, Python 3, Node.js / JavaScript, C, Shell/Bash, SQL / SQLite, HTML5/CSS3. |
| **DevOps & Automation:** | Docker & Docker Compose, Git / GitHub / Git LFS / GPG Signing, rsync state synchronization, automated backup pipelines, CI/CD, VS Code, REST API Engineering. |
| **AI & Intelligent Systems:** | Multi-Provider AI Routing & Failover (OpenRouter, Venice, Gemini, Groq), Local LLM Quantization & Deployment (Ollama), Prompt Engineering, Discord Bot Architecture (DiscordGo / discord.js), RSS & API Notification Pipelines. |

## PROFESSIONAL EXPERIENCE

**IT Manager — Bohl Equipment Company** — Toledo, OH • Apr 2001 – Apr 2023

- Directed enterprise IT strategy, operations, infrastructure, and technical support across multiple facilities, serving as sole technology leader reporting directly to executive management.
- Architected and executed comprehensive infrastructure migrations, replacing legacy systems to modernize compute, storage, and networking, achieving a 30% increase in operational efficiency and 99.9% system availability.
- Authored, deployed, and audited corporate IT policies, network security protocols, data protection standards, and disaster recovery procedures ensuring continuous operational resilience and regulatory compliance.
- Designed and delivered hands-on technical training programs to onboard administrative and operational staff to new business software and hardware tools.
- Managed multi-server Hyper-V virtualization clusters, Windows Server domain infrastructure, network routing, firewalls, and mission-critical ERP/accounting systems.
- Evaluated vendor contracts, conducted hardware/software procurement, managed software licensing compliance, and consistently optimized annual technology operating expenditures.

**Senior Infrastructure & Software Engineer / Systems Architect — Independent Development** — Remote • Apr 2023 – Present

- **Sunfire Production AI & Notification Platform (Go):** Engineered an enterprise-grade Go discord daemon featuring multi-tier AI model routing with automatic failover (OpenRouter, Venice, Gemini, local Ollama), concurrency-safe state caching, real-time RSS notification engines, and automated daily backup routines.
- **Automated Hybrid DevOps & Bidirectional Sync:** Architected automated state synchronization systems using PowerShell 7, rsync over SSH, and Linux systemd path watchers to maintain real-time byte parity between Windows 11/WSL2 workstations and cloud Debian/Ubuntu VPS environments.
- **Containerization & Media Automation:** Developed portable Docker container architectures and custom utility pipelines for media transcoding (FFmpeg Docker), automated OCR markdown extraction, machine inventory tracking, and GPG-encrypted credential management.
- **Curio.Byte & Discord Ecosystem (Node.js):** Built and deployed production Discord automation bots with modular moderation suites, server event audit logging, and dynamic role hierarchies.
- **Hardware-Optimized Local AI:** Researched and benchmarked quantized local LLM execution on resource-constrained hardware (NVIDIA RTX 2060 6GB VRAM), establishing hybrid local/cloud inference workflows with sub-second fallback.

## EDUCATION & CREDENTIALS

**Associate of Applied Business — Computer Programming Technology**, Owens Community College (Toledo, OH) — 1996

**High School Diploma & Vocational Certificate — Computing & Accounting Focus**, Penta Career Center (Perrysburg Township, OH) — 1989