

SEAN GROSSNICKLAUS

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DESIGN /DEVELOPMENT

CompanyLister.com | [Python, Django, PostgreSQL] | (*This Site*)

A dynamic platform designed to easily record screen, camera, and microphone inputs for creating professional video demonstrations. Originally conceptualized to support multi-tenant RMM and PSA workflows, this tool streamlines the creation of high-quality internal product demos and client-facing presentations.

Email: Sean@CompanyLister.com

Link: <https://companylister.com>

CheapITSupport.com | [Python, Bash, Nginx, Linux] | (*Web /Email*)

A Unix server automation platform providing rapid deployment for website and email hosting infrastructure. Built with independent contractors in mind, this service utilizes custom backend deployment scripts to spin up bare-metal Ubuntu server environments quickly and efficiently.

Email: Sean@CheapITSupport.com

Link: <https://cheapitsupport.com>

K12OnlineSchooling.com | [Python, Django, PostgreSQL] | (*Education*)

An accessible, parent-directed educational platform championing a "Free Education for All" model. Currently operating in a paid sandbox environment for rigorous staging and testing, this platform is engineered to support scalable, online K-12 learning options.

Link: <https://k12onlineschooling.com>

MMORPG3D | [Node.js, Express, Socket.io, Three.js, Nginx, PM2] | (*Game*)

Full-stack MMORPG setup, with seamless Node.js server logic and Three.js UI generation via secured Nginx proxy.

Link: <https://mmorpg3d.com>

ENGINEERING & ARCHITECTURE

Systems Automation & Infrastructure: Designed, fully implemented, and managed comprehensive infrastructure automation, including ConnectWise Manage & Automate ecosystems (*for over 7,000 endpoints*). Achieved true zero-touch operations covering global software deployment, continuous backup and disaster recovery (BC/DR) integrity, and unified alerting. Beyond standard vendor platforms, expertise extends to engineering custom-built, bare metal Ubuntu server environments to reduce reliance on vendor-locked ecosystems.

Security & Threat Detection: Over a decade of experience managing an average of 10,000 active endpoints across diverse enterprise environments, maintaining rigorous uptime and security standards. Architected custom Endpoint Detection and Response (EDR) and Managed Detection and Response (MDR) tools utilizing Event Tracing for Windows (ETW) for kernel-level visibility. Seamlessly integrated these custom tools alongside enterprise security stacks like SentinelOne and ThreatLocker to deliver automated, real-time threat isolation and remediation.



SKILLS & EXPERTISE

- **Core Languages & Scripting:** Python (FastAPI, Flask, Django) (99%), JavaScript /TypeScript (95%), C++ (85%), React (99%), PHP (80%), Node.js (95%), Three.js (95%), PowerShell (99%), Bash (99%), Shell Automation (95%)
- **Databases & Data Management:** PostgreSQL (95%), MySQL (95%), Microsoft SQL (95%), SQLite (95%), Redis (95%), MongoDB (95%), custom API (99%)
- **Infrastructure & Cloud:** Linux (Ubuntu, Debian) (95%), Windows Server (2008-2022) (99%), vSphere/ESXi (95%), Microsoft Hyper-V (99%), Microsoft Azure (90%), AWS (90%), Docker (95%)
- **Networking & Security:** Fortinet (FortiGate) (85%), Cisco Meraki (85%), SonicWall (85%), Sophos (85%), Ubiquiti (UniFi) (85%), VLAN architecture (90%), BGP/OSPF routing (90%), VPN deployments (99%)
- **MSP Expertise:** ConnectWise (SME) (100%), API integration (98%), auditing /consulting (99%), PSA/RMM workflows (99%)
- **RMM (Remote Monitoring & Management):** ConnectWise (SME) (100%), Datto RMM (95%), NinjaOne (90%), Kaseya VSA (90%), Atera (90%), N-able (90%), Action1 (85%), Liongard (85%), custom solutions (99%)
- **BCDR & Storage:** Veeam Backup & Replication (99%), Acronis Cyber Protect (95%), Datto BCDR (95%), StorageCraft/Arcserve (95%), Synology/QNAP/NAS (100%)
- **Documentation & Asset Management:** IT Glue (99%), Hudu (99%), custom solutions (99%)
- **Security & Threat Telemetry:** SentinelOne (99%), ThreatLocker (99%), CrowdStrike (95%), Huntress (95%), Bitdefender (90%), Sophos (90%), Wazuh (90%), custom solutions (99%)
- **Development & DevOps Environment:** Git/GitHub versioning (99%), custom automation (95%), Codex (95%), AntiGravity/IDE (99%), GPT, CoPilot, Ollama (99%), CI/CD pipeline (99%)

CAREER JOURNEY

Systems Engineer & Technical Operations Lead • Coastal Plains Meat Company • (2026 - Present)

Leading the design, development, and deployment of high-scale systems, automations, and operational process improvements. This role bridges advanced IT infrastructure with facility operations to drive efficiency, ensure rigorous regulatory compliance, and modernize business-to-business workflows within our role in the meat processing industry.

Systems Automation & Security Engineer • Schultz Technology • (2023-2026)

Spearheaded centralized IT operations with a strict focus on enterprise-grade security, endpoint telemetry, and system automation. Architected zero-touch deployment scripts, engineered automated patching protocols across thousands of endpoints, and managed the deployment of custom EDR/MDR security frameworks to proactively reduce vulnerabilities and eliminate manual remediation efforts across the managed services portfolio.

Client Services Manager / Cloud Technician • CBM Technology • (2020-2023)

Directed centralized service delivery and strategic IT initiatives, bridging the gap between client infrastructure planning and highly technical execution. Led the architecture and deployment of complex network and migration projects while leveraging deep ConnectWise expertise to build proactive automations, standardize client environments, and optimize the overarching project lifecycle.

Information Technology (25B) & Unit Supply (92Y) Specialist • US Army National Guard • (2016-2020)

Ensured operational readiness by deploying and securing military networks, communication systems, and high-availability routing in dynamic, high-stakes environments. Directed supply chain operations: including procurement, rigorous database management, and asset accountability, to maintain strict compliance and unit readiness for mission critical equipment and often food.

