Solomon Neas

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PROFESSIONAL SUMMARY

Full-stack developer and AI engineer who orchestrates multi-model pipelines (Claude Opus, GPT Codex, Gemini) to ship production software as a solo developer. Built 30+ open-source applications and 9 MCP servers bridging AI agents to security platforms. Flagship projects include Watchtower (NOC dashboard), S³ Stack (open-source SOC), Bro Hunter (network threat hunting), and CyberBRIEF (automated threat intelligence). Background in network infrastructure and security operations with $165K+ in documented cost avoidance.

PROJECTS

Watchtower — Custom NOC dashboard replacing $29K/yr SolarWinds. FastAPI + React + React Flow. Interactive topology, live switchport management, aggregated alerts from LibreNMS/Netdisco/Proxmox via WebSocket.

S³ Stack (Solomon's SOC Stack) — Open-source Security Operations Center. Wazuh SIEM, TheHive case management, Cortex analyzers, MISP threat intel, Zeek/Suricata IDS. 7 integrated VMs, documented playbooks.

Bro Hunter (github.com/solomonneas/bro-hunter) — Full-stack threat hunting platform. React/TypeScript + Python/FastAPI. 22-page dashboard: packet analysis, Sigma rules, hunt hypotheses, trend analysis, host ranking, PDF reports.

CyberBRIEF (github.com/solomonneas/cyberbrief) — Automated threat intelligence aggregation. 15+ feeds, BLUF reports, MITRE ATT&CK mapping, IOC extraction. React + Python/FastAPI.

EXPERIENCE

Laboratory Assistant, NSET | Polk State College | Dec 2023 - Present
- Architected Proxmox migration from VMware ESXi (~$68K/yr savings). Deployed open-source SOC stack (~$140K-$217K 3-year cost avoidance). Built Watchtower NOC + LAIM inventory replacing $29K/yr SolarWinds.
- Manage Cisco enterprise switches, Palo Alto firewalls, ~200 devices across 4 classrooms.

User Support Specialist I | Polk State College | Aug 2021 - Dec 2023
- Lead technician for campus. Tier 1-2 support across 6 campuses (~600 users, ~4,000 endpoints). AD admin, imaging, Cisco switch configuration.

EDUCATION

M.S. Cybersecurity Intelligence & Information Security	USF	Expected Fall 2026
B.A.S. Supervision & Management: Business IT	Polk State College	May 2025
A.S. Network Systems Engineering Technology	Polk State College	May 2022

TECHNICAL SKILLS

Languages:	Python, TypeScript, JavaScript, Bash, HTML/CSS
Frameworks:	React, FastAPI, Astro, Vite, Next.js
AI/ML:	Multi-Model Orchestration (Claude, GPT, Gemini, Ollama), MCP Servers, Prompt Engineering, RAG
Infrastructure:	Docker, Proxmox, AD, Cisco, Palo Alto, Wazuh, TheHive, MISP, Zeek, Suricata
Tools:	Git, GitHub Actions, Vercel, Railway, CI/CD, PM2, Caddy