

# 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), S<sup>3</sup> 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 comparable to ~\$29K/yr SolarWinds deployment. FastAPI + React + React Flow. Interactive topology, live switchport management, aggregated alerts from LibreNMS/Netdisco/Proxmox via WebSocket.
- S<sup>3</sup> 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 (comparable to ~\$29K/yr SolarWinds deployment).
  - 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

|   |                               |
|---|-------------------------------|
| <b>M.S. Cybersecurity Intelligence &amp; Information Security</b> | USF   Expected Fall 2026      |
| <b>B.A.S. Supervision &amp; Management: Business IT</b>           | Polk State College   May 2025 |
| <b>A.S. Network Systems Engineering Technology</b>                | Polk State College   May 2022 |

## TECHNICAL SKILLS

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