

# 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** (solomonneas.dev/projects/watchtower-noc-dashboard): Custom NOC dashboard comparable to ~\$29K/yr SolarWinds deployment. FastAPI + React + React Flow. Interactive topology, switchport management, aggregated alerts via WebSocket.
- S<sup>3</sup> Stack** (solomonneas.dev/projects/designing-and-building-an-open-source-soc): Open-source SOC. Wazuh SIEM, TheHive, Cortex, MISP, Zeek/Suricata IDS. 7 integrated VMs, documented playbooks. \$140K-\$217K 3-year cost avoidance.
- Bro Hunter** (solomonneas.dev/projects/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** (solomonneas.dev/projects/cyberbrief): Automated threat intelligence aggregation. 15+ feeds, BLUF reports, MITRE ATT&CK mapping, IOC extraction. React + Python/FastAPI.

## EXPERIENCE

- Owner / Full-Stack Developer | solomonneas.dev | Dec 2025 - Present**
- Orchestrate multi-model AI development pipeline (Claude Opus, GPT Codex, Gemini, Ollama) shipping 30+ open-source applications with strict security controls: sandboxed sub-agents, OAuth-only auth, allowlisted tool policies, network-isolated containers.
  - Built 9 MCP servers connecting AI agents to Wazuh, TheHive, MISP, MITRE ATT&CK, Zeek, Suricata, Cortex, Sophos, and Rapid7 for automated threat analysis and incident response.
  - Full CI/CD via GitHub + Vercel + Railway. PM2 process management, Caddy reverse proxy, Docker containerization.
- 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.
  - 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                                       |