

Devine Nyaenya Ngorwe — Resume — v6.7.2 Updated

MSP Team Lead • Modern Workplace • Cybersecurity Engineer • Zero Trust • Dual-Control • Tamper-Evident • OWASP ASI03 • Kenya

- **Location:** Nairobi, Kenya
- **Email:** devinenyaenya@gmail.com
- **GitHub:** <https://github.com/Nyaenya-Devine>
- **Portfolio:** <https://devine-nyaenya-portfolio.vercel.app>
- **LinkedIn:** <https://www.linkedin.com/in/devine-n-b16776173>

Summary

MSP Team Lead + Modern Workplace Operations Lab builder + Cybersecurity Engineer focused on Zero Trust, Entra ID, Intune, least-privilege dual-control, tamper-evident audit. I build security systems that don't just look secure — they prove it. Self-taught, hands-on, application security, access control, security engineering. OrbitDesk v6.7.2 + Chokepoint v3.1 — Electron 32 auto-update + SLSA L3 provenance + signed commits + SBOM + assetlinks.json TWA.

Core Competencies — Titles Showcase

- **MSP Team Lead — Modern Workplace Operations Lab:** Entra ID sign-in logs CA tab 53000 DeviceNotCompliant, What If, Report-Only 24h, Audit Logs, Break Glass, Intune enrollment 0x80180024 stale DeviceCapReached Compliance BitLocker dsregcmd Company Portal Sync Get-BitLockerVolume, Exchange Message Trace Quarantined Bulk/High Release + Allow Sender + Report Not Junk Anti-spam tuning, Teams/Windows Service Health FIRST, Operations SLA 95% CSAT 4.5 FRT MTTR ticket trends → Problem Management ITIL roster 44h/week QA coaching SBI/GROW RBAC
- **Cybersecurity:** Zero-Trust, Conditional Access, RBAC, Break Glass, Audit Logging, Device Compliance, Email Security Defender, DLP, Headers HSTS DENY nosniff CSP, Electron hardening sandbox contextIsolation singleInstance permission mic only, Supply Chain SBOM CycloneDX npm ci Dependabot CodeQL Dependency Review TruffleHog secret scan npm audit, Auto-Update signed GitHub Releases, Threat Model 12 vectors + mitigations, SLSA L3 provenance slsa-verifier, Signed Commits Verified badge
- **GitHub Essential:** Dependabot weekly groups, CODEOWNERS security critical, Workflows CI Security Electron Release SBOM SLSA, Issue Templates bug/feature/security private advisory, PR Template security checklist zero-trust audit build verification SBOM, Security Policy supported versions private disclosure SLA Hall of Fame, Branch protection CI+Security+CODEOWNERS+secret scanning+signed commits+SLSA provenance, Entitlements hardened runtime, Badges CI Security CodeQL Electron Release SBOM SLSA Signed Verified Electron PWA Play Store MIT
- **Desktop + PWA:** Electron 32.3.3 auto-update via GitHub Releases, PWA TWA Ready Play Store via PWABuilder assetlinks.json, MSIX Windows Store, manifest icons maskable shortcuts file handlers

Featured Projects — Live Demos

OrbitDesk v6.7.2 — Modern Workplace Operations Lab

Live: <https://orbitdesk-gamma.vercel.app> — **GitHub:** <https://github.com/Nyaenya-Devine/orbitdesk>

- v6.7.2 — LinkedIn-style messaging dock bottom-right 320px white rounded-t-xl (like screenshot), chat windows 320x400 MONDAY bubbles white/violet ✓✓ typing blue info #f4f2ee input, modern toast bottom-left blur-2xl max2 not covering guide, restored orbit animation rotating rings 6s/8s/12s, pause-when-away auto-pause SLA push-forward welcome-back tickets, Electron 32.3.3 auto-update via GitHub Releases signed, SBOM CycloneDX, SLSA L3 provenance, signed

commits Verified, assetlinks.json TWA Play Store, MSIX Windows Store

- v6.6 — LinkedIn chat dock + modern toast + orbit animation + layout fix flex-1 min-h-0 footer mt-auto
- v6.5 — Pause-when-away visibilitychange auto-pause SLA push-forward welcome-back
- v6.4 — Auto-update system + PWAUpdatePrompt
- v6.3 — Professional polished 100%, Play Store + Microsoft Store via PWABuilder TWA
- Features: 16 ticket templates Entra 53000/53003/500121 Intune 0x80180024 DeviceCapReached BitLocker Autopilot Exchange quarantine Teams Defender, per-client policies NovaTech strict CA → P1 50 users Bloom relaxed Apex SEC-2024-07 strict + DLP, 5 agents skills 1-10 44h/week SLA CSAT QA FRT MTTR SBI GROW conflicts + 6 admin portals Entra sign-in CA tab Intune Exchange Service Health What If Audit Logs, real voice calls TTS/STT mic scoring empathy clarity technical fluency client lang, remote PC Win11 encrypted Session ID audit logs BitLocker escrow
- Tech: Next.js 16.3.5 Turbopack React 19.2.1 Framer Motion 13.2.0 Tailwind 4, Web Speech API TTS/STT, Web Audio 800Hz ringtone, PWA + Electron 32.3.3 + electron-builder + electron-updater + electron-log, CycloneDX SBOM, Husky + lint-staged, Dependabot, CodeQL, TruffleHog, SLSA
- Build: 9/9 routes, 0 vulns prod, LICENSE MIT, repo cleaned 68M→36M lean polished world-class

Chokepoint v3.1 — Least-Privilege Dual-Control Tamper-Evident Security Product

Live: <https://chokepoint-demo.vercel.app> — **GitHub:** <https://github.com/Nyaenya-Devine/chokepoint>

- v3.1 — World-class expert: least-privilege access control & tamper-evident audit for sensitive ops — humans and AI agents. Dual-control 4-eyes distinct approver, SHA-256 hash-chained HMAC-signed ledger detects alteration/deletion/reorder, anomaly detection, RBAC, policy simulator, SIEM export, compliance mapper, risk engine, 26 tests proving security properties. OWASP ASI03. Electron 32.3.3 auto-update via GitHub Releases signed, SBOM CycloneDX, SLSA L3 provenance, signed commits Verified, assetlinks.json TWA. No OrbitDesk mixing — pure security product.
- Tech: Next.js 16 App Router TypeScript React Vitest 26 tests Web Crypto PBKDF2 HMAC-SHA256, Electron 32 + electron-updater + electron-log, SBOM CycloneDX SLSA L3 signed commits, PWA TWA
- Build: 0 vulns prod, 26 routes, LICENSE MIT

Android Reset Lab P4 Cerberus — Security Simulation God Mode

GitHub: <https://github.com/Nyaenya-Devine/android-reset-lab>

- P4 Cerberus God Mode: Merkle transparency RFC6962 inclusion/consistency proofs + Rekor checkpoint + Cedar ABAC policy-as-code 10 policies AuthZEN bundle SHA + risk-adaptive 8 factors + WebAuthn passkeys AAGUID allowlist counter clone detection + Play Integrity StrongBox + WYSIWYS tx signing + DPoP token binding + SLSA L3 provenance + signed commits. 68 tests, 6/6 attacks + 17 P4 detections. Simulation-only, now simulation engine for Chokepoint.

GitHub & Vercel — Cleaned & Hardened

- ****GitHub Bio:**** MSP Team Lead • Modern Workplace • Zero Trust • Cybersecurity • Dual-Control • Tamper-Evident • OrbitDesk + Chokepoint • Kenya — Company OrbitDesk Lab, Location Nairobi, Kenya, Blog <https://devine-nyaenya-portfolio.vercel.app>, Name Devine Nyaenya Ngorwe — Updated via API
- ****Vercel Team:**** Name OrbitDesk Lab (was Android Management Tool), Description MSP Team Lead • Modern Workplace • Zero Trust • Cybersecurity • OrbitDesk + Chokepoint • Kenya, Username nyaenya-devine, Email devinenyaenya@gmail.com — Updated via API
- ****Projects Cleaned:**** Vercel 5 projects (orbitdesk, portfolio, chokepoint-demo, endopima-kenya, android-device-management-tool) — old deployments pruned keep latest 2 READY, 7→5 projects cleaned earlier (duplicate chokepoint tau + android-reset-lab Vercel deleted)

- ****GitHub Repos Hardened:**** All 6 repos (orbitdesk, chokepoint, portfolio, android-device-management-tool, android-reset-lab, endopima-kenya, Nyaenya-Devine.github.io) — added dependabot weekly, CODEOWNERS, workflows CI Security SBOM SLSA, issue templates, PR template, SECURITY.md enhanced — no basic, world-class
- ****OrbitDesk Repo Cleaned:**** 68M→36M — deleted archive, large unused 8k PNGs, zip 13M, internal drafts — lean polished

Certifications

- Ethical Hacker — Cisco Networking Academy — featured — Offensive security mindset, Exploitation lifecycle, Defensive controls
- Introduction to Cybersecurity — Cisco Networking Academy — featured — Security fundamentals, Threats & defenses, Security domains
- Python Essentials 1 — Cisco Networking Academy — featured — Python foundations, Scripting for automation
- Python Essentials 2 — Cisco / OpenEDG — technical — Intermediate Python, Modules, OOP, error handling
- Python Programming — Online training — technical — Applied programming, Automation
- Coding with AI — Online training — technical — AI-assisted development, Prompting & verification
- Create AI Agents with Copilot Studio — Microsoft / online training — technical — Agent building, Automation design
- AI for Beginners — Online training — technical — AI fundamentals, Capabilities & limits

Methodology

Build → Test → Break → Learn → Secure

Links

- Portfolio: <https://devine-nyaenya-portfolio.vercel.app> (original, not generic)
- OrbitDesk Live: <https://orbitdesk-gamma.vercel.app>
- Chokepoint Live: <https://chokepoint-demo.vercel.app>
- GitHub: <https://github.com/Nyaenya-Devine>
- LinkedIn: <https://www.linkedin.com/in/devine-n-b16776173>

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