DARYLL GOMAS

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IT Systems Engineer · 25 years across networks, security and identity · Fluent in AI (Claude Code, Codex)

SUMMARY

IT systems engineer with 25+ years across the whole stack: identity and Microsoft 365, Apple and Windows fleets, networks, security and backups. For the last two years I've retooled around AI, working daily in Claude Code and Codex. I bring both sides: I run the systems a business already depends on, and I find where they waste time and money, measure it, and fix it with the right-sized answer, whether that's an existing product, open source, or a custom tool built with AI.

CORE SKILLS

- **Identity & Microsoft 365:** Entra ID (Azure AD), Active Directory, SSO, user lifecycle, tenant setup and migrations; email authentication (SPF, DKIM, DMARC); Google Workspace; DNS, DHCP.
- **Automation & AI:** Claude Code, Codex; AI-built automation (Bash, Python, PowerShell); MCP servers, REST APIs, OAuth; Cloudflare Workers; local LLMs.
- **Security:** MFA and Conditional Access; SonicWall and UniFi firewalls, VLAN segmentation; endpoint protection (SentinelOne); incident response; backups as ransomware defense; security assessments; AI agent security (prompt-injection screening, consent gates, least-privilege tools); HIPAA-sensitive environments.
- **Endpoints:** macOS and Windows fleets; MDM (Addigy) and RMM (NinjaOne); deployment, configuration and imaging; iOS and Android.
- **Networks & infrastructure:** site-to-site and client VPN, Wi-Fi; Linux servers, Docker Compose, Windows Server, Hyper-V; Synology NAS, 3-2-1 backup and recovery; Prometheus, Grafana, Loki, Alertmanager.
- **Web & design:** site and interface design; front ends built with AI coding agents (HTML, CSS, JavaScript, WebGL/Three.js); static hosting on GitHub Pages and Cloudflare.
- **Process & cost analysis:** workflow and cost reviews, measuring where time and money go, upgrade proposals, right-sizing software (existing product, open source or custom).

EXPERIENCE

BigPic Solutions · Independent Technology & AI Systems Practice
Portland, OR · May 2025 – Present

- Run an independent practice: IT services for small-business clients (Microsoft 365, networking, backups, security), delivered with AI-assisted systems I build and operate in production. AI tools write the code; I own the requirements, the verification and the operations.
- **Monitoring and detection:** operate a monitoring platform I built (Prometheus, Alertmanager, Loki, Grafana) covering 18 hosts and 29 services. It correlates alerts into evidence-backed incidents and detects new devices, unusual logins, new accounts and newly exposed services across endpoints, servers and the network.
- **AI agent security:** keep the AI agents I run inside guardrails: track each agent's prompt-injection exposure and rank the open gaps, hold the voice assistant's tool calls behind a consent gate that has been through four security review rounds, and maintain a security runbook for small offices.
- **Backup that proves itself:** run nightly versioned backups with tooling I built: every archive is read back and hash-checked, a weekly restore proof must pass or the system flags it, a mass delete stops the job with an alert, and test restores have come back byte-identical.
- **Public service:** run Swarm AI (swarm.bigpicsolutions.com), a public service I directed the build of, on Cloudflare Workers with OAuth sign-in; it routes research tasks to contributors' own AI agents. Every release is gated on automated tests and a security review, and incoming tasks are screened for hidden instructions.
- **Web design:** design and direct AI-assisted builds of public sites and front ends: daryllgomas.com (a 3D WebGL site), the BigPic Studios site, Swarm AI and Town Hall.

MacForce (Launch Technologies) · IT Field Engineer
Portland, OR (hybrid) · Feb 2023 – May 2025

- Worked alongside the lead engineer on a break-in and ransomware attack at a client's colocation site: helped contain it over a weekend, collected logs for forensics and recovered project data from off-site Synology C2 backups, then hardened the environment (2FA, VPN, SentinelOne, a rebuilt domain controller).
- Administered Microsoft 365 and Entra ID for managed-service clients: Conditional Access, SSO, MFA, user lifecycle, licensing and tenant migrations.
- Managed Apple and Windows fleets with Addigy (MDM) and NinjaOne (RMM): endpoint deployment, configuration and imaging at scale.
- Configured SonicWall and Ubiquiti firewalls, VPN, VLAN segmentation and site-to-site links; ran Synology backup and disaster-recovery operations across client environments.
- Led client onboarding and migrations, including email domain moves with SPF, DKIM and DMARC; on-site assessments with network diagrams and upgrade proposals.

BigPic Solutions · IT Consultant
Portland, OR · Mar 2020 – Feb 2023

- Designed and installed wired and wireless networks for business clients; supported Mac, Windows and Linux, including MDM for mixed environments.
- Set up remote-support infrastructure as clients moved to hybrid and remote work; trained users.

DenTech LLC · IT Field Technician (contract)
Portland, OR · Sep 2018 – Mar 2020

- Project lead for medical and dental office deployments: site assessments, deployment plans, materials and execution.
- Deployed and managed Active Directory, DHCP, DNS and Windows Server in compliance-sensitive (HIPAA) offices.

BigPic Solutions · IT Consultant (founder)
Buffalo, NY · Jan 2014 – Sep 2018

- Founded the practice: network installs, PC, Mac and Linux repair and setup, and technology training for homes and businesses.

TransWorld Network (ISP) · Network Operations Center Technician
Oldsmar, FL · Oct 2011 – Sep 2012

- Handled multi-state network incidents, with full autonomy on night shifts; administered Hyper-V, Cisco switches and firewalls; took escalations from level 2.

Earlier roles: Operations Manager, Felines Pride, Buffalo, NY (2012–2013) · Field Services Engineer and county lead for network installations, Knight Enterprises, Clearwater, FL (2002–2011) · Level 3 Support Specialist and escalation lead, Time Warner Cable, Clearwater, FL (2000–2002).

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

- TryHackMe: Top 3% (2022); Jr Penetration Tester and Blue Team learning paths.
- Apple Certified Support Professional: earned Nov 2023; expired.