Andy Gibran López Nambo

IT Engineer · Automation, Microsoft 365 and security for growing companies

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Summary

Computer Systems Engineer specializing in cybersecurity. I turn manual processes into systems that save time: I moved a millwork company in Arizona from a spreadsheet to an application that manages 303 jobs with email alerts and a QuickBooks connection, and cut device setup from about 2 days per PC to 3 PCs in 1 hour across a fleet of 110. I'm looking for an engineering or consulting role where results are measured.

Experience

IT and Automation Consultant · JC Millwork (Phoenix, AZ) — Jan 2026 – Present · Remote

- Moved job tracking from a spreadsheet to a web application with a live view, email alerts and a QuickBooks connection; it now manages 303 jobs.
- Estimates are sent to QuickBooks from the app, and a job's status updates automatically when the client accepts; 248 jobs are already linked to an estimate.
- Calculate labor cost per job and audit hours against what was paid, using QuickBooks data; the reports are used to pay workers.
- Built an AI-assisted estimator (Claude) that covers the estimating and proposals of commercial platforms like Beam: used daily, it sends estimates to QuickBooks and updates the job tracker without dedicated staff; it is moving to an API.
- Redesigned the website from Wix to Astro, which made the application possible; migrated 10 mailboxes to Microsoft 365 and automated each job's folder and photo-evidence uploads with Power Automate and Power Apps.

Modern Workplace, Cloud & Security Engineer · Harinas Guadalupe — Aug 2025 – Oct 2026

- Cut new-device setup from about 2 days per PC to 3 PCs in 1 hour by standardizing 110 devices with Entra ID, Intune and Autopilot.
- Standardized the 110 devices with Intune policies: OneDrive backup, no local saving, USB blocked, and 16+ apps deployed automatically.
- Automated daily patching, inventory and remediation for 110 devices with Action1 and PowerShell, including BitLocker keys and cloud printers.
- Supported 110 to 120 users and replaced traditional antivirus with CrowdStrike Falcon (EDR) on 105 devices.
- Eliminated an RCE vulnerability with plaintext password exposure on Hikvision cameras by updating firmware, and closed web vulnerabilities (including SQL injection).
- Automated employee attendance to On the Minute every pay period with n8n, and migrated the corporate site to Astro with CI/CD on GitHub and Cloudflare.
- Documented procedures in GitHub and classified information with Microsoft Purview.

Independent Developer — Independent

- Built ERP systems with Angular for wholesale market vendors: inventory control and accounting.

Network and Cybersecurity Specialist (professional internship) · Alebat — 2023 – 2024

- Took part in AWS security (CloudWatch, GuardDuty, WAF) and worked with S3, EC2, CloudFront and load balancers; applied ACLs and hardening.

Project Analyst · TotalPlay — 2022

- Cut reports and deliverables for fiber-optic power tests from weeks to one day by designing the tracing and automation in VBA.

Core tools

Microsoft 365	Entra ID, Intune, Windows Autopilot, SharePoint, Power Automate, Power Apps, Purview
Automation and code	PowerShell, Python (FastAPI), n8n, Astro, Angular, Supabase, Vercel, QuickBooks API
Security and cloud	CrowdStrike Falcon, Action1, Active Directory, AWS (CloudWatch, GuardDuty, WAF), VMware ESXi

Education, courses and achievements

B.Sc. in Computer Systems Engineering, cybersecurity specialization · Instituto Tecnológico de Morelia · 2018 – 2024 · Graduated

Cisco courses: Introduction to Cybersecurity (Mar 2025), Ethical Hacker (Jun 2025) · Languages: Spanish native, English B2

First place in an internal CTF and OWASP challenge with KPMG (2023); pentesting labs on TryHackMe and Hack The Box.