

STEPHEN LANEY

Senior Client Platform Engineer

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Summary

Client platform engineer with nine years running mixed macOS and Windows fleets of up to 1,700 endpoints as the sole MDM and platform owner, including six years of software supply-chain incident response remediated with zero resulting security incidents. Works where device management meets identity, PKI, and AI agent governance.

Selected Work

Zero-touch provisioning on Okta Platform SSO

Airtable

Revamped zero-touch Mac provisioning onto a modern Okta Platform SSO workflow, authenticating users against Okta during ADE Setup Assistant before the first local account is created. Led the rollout end to end, including licensing, third-party risk and SOC 2 Type II security review, SCEP configuration, and Okta Verify packaging.

Automated patch management at scale

Coursera

Led the organization-wide implementation of AppAutoPatch, automating updates for 151 application titles and reducing vulnerable application and CVE findings by 89%, from 9,541 to 1,049.

AI coding-tool enforcement layer

Airtable

Designed the enforced Claude Code managed-settings configuration and its script-based MDM delivery, plus a Jamf Extension Attribute validating config integrity and gating redeployment. Extended the pattern to OpenAI Codex via base64-encoded TOML, delivered org-wide within hours of security sign-off.

Jamf environment remediation

Airtable

Audited every extension attribute script for purpose, logic, and runtime, isolating a redundant filesystem scan and removing it once it proved to serve no active requirement. Cut fleet-wide inventory collection runtime from up to five minutes to 15 to 20 seconds, and repaired four years of inherited broken policies, app deployment configurations, and rogue-policy log aggregation.

Workspace ONE to Intune migration

Coursera

Led migration of Windows, iOS, and Android management off VMware Workspace ONE to Microsoft Intune, having first stood up the fleet's original managed Windows baseline on Workspace ONE from the ground up.

Endpoint diagnostics pipeline

Coursera

Architected a secure, automated diagnostics pipeline using Jamf, Workato, and AWS S3 to collect local device logs on demand or on issue detection, enabling rapid internal and vendor analysis of company-wide networking, MDM, and OS-update incidents.

Endpoint operations AI agents

Airtable

Built a Jamf Pro Auditor for read-only fleet inspection and an Endpoints Admin agent that executes directed actions across Jamf Pro and Intune, writing a complete audit trail to Airtable against a purpose-built 17-field action-logging schema.

Certificate lifecycle rearchitecture

Airtable

Identified that Okta-issued SCEP certificates lacked auto-renewal, forcing an annual manual org-wide renewal. Partnered with the systems engineering team to deploy an AppViewX PKIaaS hierarchy with Jamf Pro as SCEP proxy using dynamic challenge webhooks, plus parallel Intune SCEP for Windows.

Source-controlled endpoint script pipeline

Airtable and Coursera

Moved every policy and extension attribute script under source control, building a CI/CD change management pipeline in which changes enter as pull requests against an internal repository and require review and approval before reaching Jamf. Eliminated direct console edits, so all code executing on managed endpoints carries a peer-reviewed, auditable change history.

Emergency remote-work deployment

Idaho Central Credit Union

Designed and led the pandemic remote-work migration, building the process that put securely configured laptops and matched peripherals into the hands of more than 600 employees. Scoped, coordinated, and executed in under a week.

Mac endpoint management platform

Idaho Central Credit Union

Stood up and integrated Jamf Pro single-handedly, bringing the Mac fleet to full parity with the established Windows endpoint management platform in functionality, security posture, and administrative control.

Professional Experience

Senior IT Client Platform Engineer

Airtable

2026 - Present

San Francisco, CA (Remote)

- Sole client platform engineer for ~1,200 endpoints: 1,169 Macs in Jamf Pro and ~30 Windows laptops in Microsoft Intune.
- Designed the Socket Firewall deployment including detection scripts and MDM policies, drove rollout from a 20% pilot ring to org-wide, and owned Jamf-side scoping for the Cloudflare Zero Trust migration.
- Automated Apple Business Manager device unassignment via an Airtable-to-Workato webhook, and authored reusable PPC and system extension profiles for fleet-wide application deployment.

Sr. IT Endpoint Administrator

Coursera

2021 - 2026

Mountain View, CA (Remote)

- Sole client platform engineer for ~1,700 endpoints across four and a half years: ~1,600 Macs in Jamf Pro plus ~100 Windows laptops and VDI instances.
- Promoted a full IC level within the first three years and consistently ranked in the top performance tier at annual review.
- Mentored a service desk technician for 18 months, developing him to Jamf's highest certification tier and onto a promotion into the endpoint engineering team.
- Designed and implemented zero-touch Mac deployment using Jamf Connect for account creation during PreStage, with custom tooling to make account syncing reliable at scale.
- Implemented CIS hardening baselines across macOS and Windows and drove supply-chain incident response through repeated NPM package compromises with zero resulting security incidents.
- Led a phased Windows 10 retirement across a 96-device fleet, reaching 100% compliance ahead of the 2025 end-of-support deadline; won first place in the IT department future-product competition with an application binary allow/deny list system.

Workstation Analyst

Idaho Central Credit Union

2017 - 2021

Chubbuck, ID

- Promoted from technician to analyst within the first year. Tier 3 endpoint management for 2,000+ Windows and Mac computers; Symantec systems administrator across Altiris and Symantec Endpoint Protection.
- System owner for endpoint protection across Symantec Endpoint Protection, Carbon Black, Jamf Protect, and Microsoft Defender for Endpoint; deployed NoMAD for Mac account binding against on-premises Active Directory.

Technical Skills

Apple Management	Jamf Pro, Jamf Connect, Jamf Protect, NoMAD, Apple Business Manager, ADE/PreStage, zero-touch provisioning, AppAutoPatch, PPC and system extension profiles, Apple Business API
Windows Management	Microsoft Intune, Entra ID, Microsoft Graph, Windows Autopilot, BitLocker, Windows VDI, Active Directory, VMware Workspace ONE
Identity & PKI	Okta (Platform SSO, Device Access, Device Trust, LDAP), AppViewX PKIaaS, SCEP, CA hierarchy design, certificate lifecycle management
Endpoint Security	SentinelOne, Jamf Protect, Microsoft Defender for Endpoint, Carbon Black, Cloudflare Zero Trust, Socket Firewall, CIS benchmarks, vulnerability and patch management
AI & Automation	Agent design and deployment (Airtable HyperAgent, Workato), MCP agent governance and audit logging, Claude Code and OpenAI Codex fleet enforcement, prompt engineering
Scripting & APIs	PowerShell, Bash/Zsh, REST APIs, OAuth, webhooks, AWS S3, Jamf Pro API, Microsoft Graph API, Okta API, JSON/TOML/plist and configuration profile authoring
Program & Vendor	Contract negotiation, third-party risk and SOC 2 review, procurement, mentoring, cross-functional project leadership

Education and Certifications

B.S. Computer Information Technology, Brigham Young University-Idaho

2017

Certifications: Jamf Certified Expert (400, 375) • SentinelOne Certified • Apple Certified Support Professional • CompTIA Security+ • Cisco CCENT (retired credential)

Professional Development: MacAdmins Conference 2026 (Penn State); delivered the internal conference recap to the IT engineering organization. Three-year member of the Jamf Heroes program. AppleSeed for IT participant.

Interests: Rock climbing, mountain biking, camping, hiking, paddle boarding, cliff diving, Home Assistant, 3D printing, building, and hanging out with my kids.