Jose Luis Lopez

Endpoint Security Architect | Enterprise Mobility & Platform Engineering Lead

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PROFESSIONAL SUMMARY

Endpoint Security and Platform Engineering leader with 13 years of experience building, securing, and scaling enterprise endpoint platforms across macOS, Windows, iOS, and Android. Currently lead endpoint platform strategy and engineering for a global fleet of 150,000+ devices, with ownership across Microsoft Intune, Jamf Pro, Entra ID conditional access, device compliance, host hardening, vulnerability remediation, automation, and major incident response.

Known for turning complex endpoint, identity, and Zero Trust requirements into practical platform standards that reduce risk, improve compliance visibility, and keep the user experience clean. Hands on technical lead trusted by Security, Risk, Infrastructure, and business teams to own difficult endpoint problems from strategy through execution.

TECHNICAL STRENGTHS

Endpoint Platforms: Microsoft Intune, Jamf Pro, MobileIron / Ivanti, Apple Business Manager, Android Enterprise, Autopilot, Automated Device Enrollment

Identity and Access: Microsoft Entra ID, conditional access, device compliance, device trust, posture signals, identity protection, risk based access

Security Engineering: Host hardening baselines, encryption enforcement, patch compliance, configuration compliance, Zero Trust controls, endpoint security tooling

Risk and Vulnerability: Vulnerability management, risk based remediation, compliance reporting, patch workflows, control right sizing based on impact

Automation and Delivery: PowerShell, Bash, GenAI assisted scripting, Azure DevOps repos and pipelines, CI/CD style endpoint configuration release management

Leadership: Major incident response, cross functional execution, KPI reporting, metrics driven decisions, ambiguity navigation, stakeholder alignment

AI Accelerated Engineering: Leveraging Claude, ChatGPT, and GitHub Copilot to accelerate PowerShell and Bash development, improve documentation quality, troubleshoot complex endpoint issues, and automate repetitive engineering tasks

PROFESSIONAL EXPERIENCE

Sr. Staff Application Engineer, Endpoint Platform Lead

May 2023 to Present

GE Aerospace · Miami, FL

Technical lead for enterprise endpoint and hybrid infrastructure platforms serving 150,000+ users worldwide. Lead a team of eleven engineers across Apple and enterprise mobility services. Own engineering direction across device management, identity integration, conditional access, policy configuration, host hardening, application deployment, automation, and escalation.

- Led the separation of endpoint and infrastructure services out of shared corporate systems into independent Fortune 500 environments, migrating approximately 100,000 endpoints over a six to eight month window while rebuilding device governance, identity integration, and compliance models with no service disruption.
- Designed and tested host hardening baselines for macOS, Windows, and iOS that enforce encryption, establish a steady patch cadence, and align endpoint posture with conditional access and security requirements.
- Architected standardized Intune and Jamf Pro policy frameworks that reduced configuration drift and gave Security clear fleet wide compliance visibility.

- Designed and operate Microsoft Entra ID conditional access policies tied to Intune device compliance, ensuring only encrypted, patched, and policy compliant macOS, iOS, and Android devices can reach corporate resources.
- Built Intune device compliance policies that check encryption state, OS version, patch level, and configuration posture, then feed those signals back into Entra ID as the trust gate for access.
- Deploy and manage business applications and security tooling through Intune and Jamf, covering packaging, phased rings, required versus available assignment, and rollback so agents and apps land consistently across the fleet.
- Built a vulnerability management workflow that tracks exposure across the fleet, prioritizes remediation by risk and user impact, and drives critical patches to roughly 80 percent fleet coverage within five days, closing the loop through deployment and verification.
- Wrote PowerShell and Bash automation, including GenAI assisted scripts, to streamline provisioning, hardening, deployment, and reporting while reducing manual engineering effort.
- Use Azure DevOps pipelines and repos to version control endpoint configuration, automate policy and script deployment, and run device management changes through a reviewed CI/CD style release process.
- Serve as senior escalation lead for endpoint major incidents, coordinating identity, security, networking, and platform teams to restore service and reduce risk.
- Define and track endpoint platform KPIs with Security and Risk, using data to size controls correctly and prove compliance posture over time.

Senior Application Enterprise Engineer, Mobility and Endpoint *Oct 2018 to May 2023*

General Electric (Corporate) · Miami, FL

Supported global endpoint and mobility platforms across multiple business units.

- Shaped the enterprise Intune governance model, contributing to policy design, conditional access alignment, and compliance enforcement across a large mixed device population.
- Partnered with Information Security and Risk to align device controls with enterprise audit standards and strengthen endpoint governance.
- Improved endpoint lifecycle documentation and pushed global standardization so support and engineering teams worked from one consistent baseline.
- Participated in change advisory for endpoint platform updates and risk managed releases.

Enterprise Analyst, Mobility Platforms and Incident Leadership *Jan 2013 to Oct 2018*

BlackBerry Limited · Sunrise, FL

Led global escalation operations for enterprise mobility and secure communication platforms serving financial and government clients.

- Acted as senior technical authority during high impact incidents involving mobile infrastructure and secure communication platforms.
- Advised enterprise customers on platform resilience, performance, and operational stability under pressure.
- Reduced mean time to resolution by roughly 25% through structured operational playbooks, stronger documentation, and repeatable escalation practices.

EDUCATION AND CERTIFICATIONS

B.S. Computer Science and Technology · Ongoing, expected completion 2028

AWS Certified Cloud Practitioner · Issued March 2025