

RODIEL LEZCANO

Senior Solutions Architect | Cloud Infrastructure | Cybersecurity | Bilingual: English / Spanish
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PROFESSIONAL SUMMARY

Senior Solutions Architect and Cloud Infrastructure Specialist with 10+ years of experience designing, deploying, and operating enterprise-grade hybrid environments across AWS, Azure, and GCP. Proven expertise spanning VMware/Proxmox virtualization, Cisco networking, Microsoft 365 administration, SIEM/EDR security operations, and full-lifecycle IaC automation with Terraform and Ansible. Recognized for leading 200+ zero-downtime cloud migrations, managing 250,000+ enterprise endpoints globally, and delivering measurable outcomes including sub-15-minute RTOs and 30%+ cost reductions through FinOps practices. Operator of a production-grade private cloud running Proxmox VE, Talos Kubernetes, TrueNAS Scale, Splunk SIEM, HashiCorp Vault, and Authentik SSO. Bilingual English/Spanish with active credentials spanning AWS, Google Cloud, HashiCorp, GitHub, Apple, Jamf, NVIDIA, and Linux.

◆ **200+ Cloud Migrations (AWS / Azure)** ◆ **250K+ Endpoints Managed** ◆ **<15 Min RTO · Veeam DR** ◆ **30% Cost Reduction via FinOps** ◆ **Bilingual: English / Spanish**

TECHNICAL SKILLS

Cloud Platforms: AWS (EC2, VPC, Lambda, EKS, IAM, S3, CloudWatch, Bedrock, Systems Manager) | Microsoft Azure (Entra ID, Exchange Online, Teams, SharePoint, Intune) | Google Cloud Platform (GCP)

Virtualization: VMware ESXi / vCenter / vSphere | Microsoft Hyper-V | Proxmox VE | KVM | LXC Containers | Kubernetes (Talos OS, EKS) | Docker | Fargate

Networking: Cisco Catalyst / ASA | Meraki Wi-Fi Mesh | pfSense / Sophos XG / UniFi | TCP/IP | VLAN | BGP | OSPF | DNS / DHCP | VPN (WireGuard, IPsec, SSL) | Transit Gateway | Direct Connect

Server & Directory: Windows Server 2016–2022 | Active Directory | Group Policy | DNS / DHCP | RDP / RDS / IIS / DFS / NTP | Linux (Ubuntu, RHEL, Talos) | Microsoft 365 Administration

Security & SIEM: Splunk Enterprise | Wazuh EDR | HashiCorp Vault | Authentik SSO/IdP | Cloudflare Zero Trust | NIST | ISO 27001 | Zero Trust Architecture | PKI / Certificate Management

Backup & DR: Veeam Backup & Replication | Proxmox Backup Server (PBS) | TrueNAS Scale (ZFS / Ceph) | iSCSI / NFS / SMB | RTO <15 min | Disaster Recovery Planning

IaC & DevOps: Terraform (HashiCorp Certified) | Ansible | PowerShell | Bash | Python | YAML / JSON | GitHub Actions | Jenkins | Gitea | CI/CD Pipelines

Observability: Grafana | Prometheus | CloudWatch | NetBox | SolarWinds | Zabbix | Splunk Dashboards

AI & Emerging Tech: Amazon Bedrock (Generative AI) | RAG Architecture | OpenSearch Serverless | Serverless Compute (Lambda, Fargate) | GCP AI / ML Services

EMM & Mobility: Jamf Pro / Jamf Protect | Microsoft Intune | SOTI MobiControl / XSight | Android Enterprise | Apple ABM / Configurator | Samsung Knox

ITSM & Frameworks: JIRA | ServiceNow | Confluence | Salesforce | ITIL Framework | Incident / Change Management | FinOps | SOP Development

PROFESSIONAL EXPERIENCE

Solutions Architect | Principal Cloud Consultant

Jan 2015 – Present

HTPerformance Inc. | Toronto, ON

Principal consulting practice — operated independently alongside and following full-time employment at SOTI Inc.

- Architect and deliver scalable, secure, and cost-optimized cloud and hybrid environments for SME and enterprise clients across AWS, Azure, and GCP, translating business goals into infrastructure that generates measurable ROI.
- Built generative AI knowledge retrieval platform using Amazon Bedrock, OpenSearch Serverless, and S3 with serverless RAG architecture, accelerating enterprise knowledge retrieval and reducing support escalations.
- Led 200+ cloud migration projects (AWS/Azure) using zero-downtime methodologies — lift-and-shift, re-platforming, and re-architecting — achieving 35% reduction in TCO for enterprise clients.
- Administered hybrid VMware ESXi/vCenter and Proxmox VE virtualization clusters: capacity planning, HA/DRS configuration, snapshot management, and lifecycle patching across multi-site environments.
- Configured and maintained Microsoft 365 tenants — Exchange Online, Entra ID, Teams, SharePoint, IAM, MIP, and Intune — enforcing identity governance, MFA, conditional access, and compliance baselines.
- Implemented Veeam Backup and Replication achieving RTOs under 15 minutes; architected SAN/NAS storage with Proxmox PBS, TrueNAS Scale (ZFS/Ceph), iSCSI, NFS, and SMB for enterprise-grade resilience.
- Designed and enforced Zero Trust security postures using pfSense, Sophos XG, Cisco ASA, Cloudflare Tunnel, HashiCorp Vault, and Wazuh EDR achieving compliance with NIST and ISO 27001 frameworks.
- Built full-stack observability using Grafana, Prometheus, CloudWatch, and NetBox; reduced MTTR through proactive dashboards, anomaly alerting, and automated runbook responses.
- Deployed and managed Cisco Catalyst switching, Meraki Wi-Fi mesh, pfSense/UniFi networking, WireGuard/IPsec VPN, and enterprise DNS/DHCP across distributed client environments.

- Automated infrastructure provisioning and configuration management using Terraform, Ansible, PowerShell, and Bash; reduced manual overhead by 30% and eliminated configuration drift across server fleets.
- Conducted FinOps reviews — reserved instance planning, rightsizing, idle resource cleanup — achieving 30% average reduction in monthly cloud spend across client portfolios.
- Managed 250,000+ enterprise endpoints via Jamf Pro/Protect, Intune, and SOTI MobiControl across iOS, Android, and macOS fleets; integrated with Apple ABM, Android Enterprise, and Samsung Knox.

Infrastructure Architect | Senior Technical Account Manager

Aug 2017 – Sep 2024

SOTI Inc. | Mississauga, ON

- Served as Infrastructure Architect and trusted Tier 3 escalation point for strategic enterprise accounts, designing hybrid MDM architectures combining on-premises and AWS-hosted services for 200+ clients.
- Administered AWS core services (EC2, VPC, IAM, S3, CloudWatch, Systems Manager) supporting global SaaS mobility platform at 99.9%+ SLA, cutting client downtime by 35% and reducing TCO.
- Managed VMware vSphere/vCenter environments for SOTI production SaaS platform, including HA configuration, scalable network service deployment, patching, and performance tuning.
- Delivered executive Quarterly Business Reviews (QBRs) and strategic IT roadmaps for enterprise clients with 150K+ devices, translating infrastructure metrics into actionable business decisions.
- Led complex Tier 3 incident investigations, coordinating across engineering, product, and support teams to deliver timely root-cause resolution and documented post-mortems.
- Enabled enterprise mobility management for clients across Android Enterprise, Apple ABM/MDM, and Samsung Knox environments; onboarded, trained, and drove platform adoption.
- Mentored a team of Technical Account Managers, establishing escalation standards, knowledge-sharing practices, and QBR frameworks adopted organization-wide.
- Collaborated cross-functionally with Product Management and Engineering to represent customer infrastructure priorities, directly influencing platform roadmap decisions.

Field Technician — IoT & Smart Devices

Apr 2012 – Mar 2016

Neptune Technology Group | Ottawa / Toronto, ON

- Installed and configured IoT-enabled smart water meters across municipal deployments, improving data accuracy by 40% and ensuring full regulatory compliance.
- Collaborated with city officials and clients to optimize deployment efficiency, reducing installation times by 15% while maintaining quality assurance and safety standards.
- Maintained detailed technical records and documentation, facilitating smooth project handovers and enabling ongoing infrastructure support.

FEATURED OPEN SOURCE PROJECTS

InfraOps github.com/rodiel-lezcano/infraops

- Enterprise-grade IaC platform: Terraform provisioning + Ansible configuration management + HashiCorp Vault (zero secrets in code) + dual SIEM (Wazuh and Splunk) across 30+ hosts. Includes 5 production Terraform modules, 2-minute automated VM deployment, and full CI/CD pipeline via Jenkins and Gitea.

k8s-Cluster github.com/rodiel-lezcano/k8s-homelab

- Production-grade 6-node Kubernetes cluster on Talos Linux (immutable OS) with eBPF networking via Cilium, 19 CiliumNetworkPolicies, zero SSH access, GitOps delivery via Fleet, Velero disaster recovery, and full Prometheus/Grafana observability. Security-first design throughout.

OpenClaw github.com/rodiel-lezcano/openclaw

- GPU-accelerated self-hosted AI platform on Fedora CoreOS with local LLM inference, 768-dim semantic vector memory, 27+ agent skills, custom Prometheus exporter, and zero cloud dependency. Demonstrates secure, air-gapped AI infrastructure design at production quality.

PRIVATE CLOUD ENVIRONMENT

Designs and operates a production-grade private cloud on Proxmox VE 9.1.4 — Intel Xeon E-2288G (8 cores, 3.6GHz), 128GB RAM, 80+ days continuous uptime — running 20+ LXC containers and virtual machines across purpose-built resource pools (Production, Security, DevOps, Kubernetes, Sandbox).

Networking & Access

- pfSense firewall | UniFi switching | Headscale/WireGuard mesh VPN | Cloudflare Tunnel (Zero Trust) | Nginx reverse proxy | Pi-hole DNS filtering | Apache Guacamole remote desktop gateway

Security Platform

- HashiCorp Vault (secrets management) | Authentik SSO/IdP (SAML/OIDC) | Splunk Enterprise SIEM | Wazuh EDR | Cloudflare Zero Trust | PKI and certificate lifecycle automation

Kubernetes Cluster

- Talos OS bare-metal Kubernetes — 3 control-plane nodes (talos-cp-01/02/03) + 3 worker nodes (talos-wk-01/02/03) — running containerized production workloads with Cilium CNI and eBPF network policies

Storage

- TrueNAS Scale (ZFS mirror pools, Ceph, NFS/SMB/iSCSI) | Proxmox Backup Server (PBS) | MirrorLab-250 + TitanSolo-4TB storage pools | Automated snapshot schedules

Observability

- Grafana + Prometheus running on TrueNAS Scale | Full metrics across all nodes, containers, VMs, and network interfaces | Alerting pipelines with automated runbook responses

DevOps & Automation

- Jenkins CI/CD pipelines | Gitea self-hosted Git server | Semaphore (Ansible automation UI) | GitHub Actions | Containerized workloads via Docker and LXC

CERTIFICATIONS

▶ NVIDIA-Certified Associate: AI Infrastructure and Operations NVIDIA	<i>Mar 2026 – Feb 2028</i>
▶ Google Professional Cloud Architect Google Cloud	<i>Dec 2025 – Dec 2027</i>
▶ Google Associate Cloud Engineer Google Cloud	<i>Sep 2025 – Sep 2028</i>
▶ AWS Certified AI Practitioner Amazon Web Services	<i>Sep 2025 – Sep 2028</i>
▶ HashiCorp Certified: Terraform Associate (003) HashiCorp	<i>Jul 2025 – Jul 2027</i>
▶ GitHub Foundations GitHub	<i>May 2025 – May 2028</i>
▶ Jamf Certified Associate — Jamf Protect Jamf	<i>Apr 2025</i>
▶ Linux Essentials Certificate Linux Professional Institute (LPI)	<i>Apr 2025</i>
▶ Apple Certified IT Professional Apple	<i>Nov 2024 – Nov 2026</i>
▶ Jamf Certified Associate — Jamf Pro Jamf	<i>Nov 2024</i>
▶ SOTI MobiControl 2024 Solutions Architect SOTI	<i>Jun 2024</i>
▶ Google Cloud Data Analytics Certificate Google Cloud	<i>Jan 2025 – Jan 2028</i>
▶ Knox Certificate Associate Samsung Electronics	<i>Mar 2023</i>
▶ Android Enterprise Certified Expert Google / Android	<i>Active</i>

In Progress

▶ Microsoft Certified: Azure Administrator Associate (AZ-104)	<i>Target Q2 2026</i>
▶ AWS Certified Solutions Architect — Associate	<i>Target Q3 2026</i>

AWS Knowledge Badges (12)

Security Champion · Architecting · Amazon EKS · Serverless · Networking Core · Data Protection & Disaster Recovery · Migration Foundations · File Storage · Data Migration · Events & Workflows · Compute · Cloud Essentials · Amazon Braket

Google Cloud Skill Badges (9)

Cloud Architecture: Design, Implement & Manage · Develop Your Google Cloud Network · Implement Cloud Security Fundamentals · Networking Fundamentals · Set Up a Google Cloud Network · Build a Secure Google Cloud Network · Implement Load Balancing on Compute Engine · Set Up an App Dev Environment · Prepare Data for ML APIs

EDUCATION

Network and Cloud Administration Diploma

2025 – 2026

Metro College of Technology | Toronto, ON | Currently enrolled — Focus: Cloud infrastructure, network administration, hybrid environments

Advanced Network Security Professional Diploma

2016 – 2017

Willis College of Business, Technology & Healthcare | Ottawa, ON | Coursework: Network Security, Cybersecurity Operations, Infrastructure Protection

Bachelor of Science — Computer Science | Network Engineering

2006 – 2010

Universidad Interamericana de Panama | Panama City, Panama | Credential evaluated as equivalent to a four-year Bachelor's degree in Canada