

## Luis S.

### Senior Platform Engineer/Senior SRE

#### SUMMARY

- 12+ years in IT with 6+ years in SRE, DevOps, and cloud infrastructure focusing on security, compliance (PCI-DSS, SOC 2), and identity architecture.
- Expertise in AWS (certified), Kubernetes (EKS), Terraform, GitLab/GitHub CI/CD, and security tools like Wiz and Checkov.
- Led cloud platform engineering, centralized observability, and hardened CI/CD pipelines across large enterprises and SaaS environments.
- Skilled in Python, Bash, Helm, Ansible, and infrastructure automation with strong incident response and monitoring skills (New Relic, Datadog, Prometheus).
- Experience in multi-account AWS architectures, microservices migration, disaster recovery, and compliance automation in regulated industries.

#### TECHNICAL SKILLS

|                                                     |                                                                                                                                                                                                                                                                                                                  |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Main Technical Skills</b>                        | AWS, Kubernetes, Terraform                                                                                                                                                                                                                                                                                       |
| <b>Programming Languages</b>                        | Python                                                                                                                                                                                                                                                                                                           |
| <b>Ruby Libraries and Tools</b>                     | Rack                                                                                                                                                                                                                                                                                                             |
| <b>Security</b>                                     | Auth0, CSPM (Cloud Security Posture Management), GPO (Group Policy Object), IAM, Kyverno, NGFW (Next-Gen Firewall), OWASP, PCI DSS, SOC 2                                                                                                                                                                        |
| <b>Data Analysis and Visualization Technologies</b> | ETL, Kibana                                                                                                                                                                                                                                                                                                      |
| <b>Databases &amp; Management Systems / ORM</b>     | AWS ElasticSearch, Elasticsearch                                                                                                                                                                                                                                                                                 |
| <b>Cloud Platforms, Services &amp; Computing</b>    | AWS, Azure, GCP, OCI, PagerDuty, Serverless                                                                                                                                                                                                                                                                      |
| <b>Amazon Web Services</b>                          | AWS ALB, AWS Cloudformation, AWS CloudFront, AWS CloudWatch, AWS EC2, AWS ECS (Amazon Elastic Container Service), AWS Elastic Kubernetes Service, AWS Elastic Kubernetes Service (EKS), AWS ElasticSearch, AWS Kinesis, AWS Lambda, AWS RDS (Amazon Relational Database Service), AWS Route 53, AWS SAM, AWS SSM |
| <b>Azure Cloud Services</b>                         | Hyper-V                                                                                                                                                                                                                                                                                                          |
| <b>Industry Domain Experience</b>                   | SAAS                                                                                                                                                                                                                                                                                                             |

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|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Deployment, CI/CD &amp; Administration</b>       | Active Directory, Ansible, CI/CD, GitLab CI, Helm, Helm Charts, New Relic                                                                                                                                                                                           |
| <b>SDK / API and Integrations</b>                   | API, Electronic Data Interchange (EDI), Google API                                                                                                                                                                                                                  |
| <b>QA, Test Automation, Security</b>                | Authentication, kaniko, WAF                                                                                                                                                                                                                                         |
| <b>Scripting and Command Line Interfaces</b>        | Bash                                                                                                                                                                                                                                                                |
| <b>Mail / Network Protocols / Data transfer</b>     | CDN, DHCP, DNS, IPsec VPN, PfSense, VPN                                                                                                                                                                                                                             |
| <b>Platforms</b>                                    | CloudCheckr Finance Manager, Okta                                                                                                                                                                                                                                   |
| <b>Logging and Monitoring</b>                       | Datadog, Grafana, Prometheus, Splunk, Zabbix                                                                                                                                                                                                                        |
| <b>Virtualization, Containers and Orchestration</b> | Docker Compose, IPsec VPN, Kubernetes, Openswan, Terraform, VmWare                                                                                                                                                                                                  |
| <b>Operating Systems</b>                            | FreeNAS, Linux, Windows                                                                                                                                                                                                                                             |
| <b>Version Control</b>                              | Github Actions, GitLab                                                                                                                                                                                                                                              |
| <b>Methodologies, Paradigms and Patterns</b>        | IaC                                                                                                                                                                                                                                                                 |
| <b>File Systems, Storage</b>                        | NAS (Network-attached storage)                                                                                                                                                                                                                                      |
| <b>Web/App Servers, Middleware</b>                  | Windows Server                                                                                                                                                                                                                                                      |
| <b>Other Technical Skills</b>                       | Amazon Relational Database Service, APM, CIS Benchmarks, Cloud Security Posture Management, CNAPP, Dell Sonicwall, Fortinet, GaraSign, Group Policy Object, IaaS, Kali Linux, Kustomize, MSK, OS, Prisma Cloud, Red Hat Linux, SRE, SSM, StackSets, vCloud, VM, Wiz |

## WORK EXPERIENCE

### Senior DevSecOps/Platform Engineer, T-Mobile (Centralized Observability and Security Enforcement on Kubernetes Platform)

**Duration:** Sep. 2025 - Jul. 2026

**Summary:** Project focused on platform engineering and cloud security at T-Mobile, building centralized observability and enforcing policy and supply-chain security on T-Mobile's Kubernetes platform to enhance security posture and operational visibility.

#### Responsibilities:

- Designed and delivered a centralized logging pipeline aggregating Kubernetes/EKS workloads and Windows DNS servers.
- Enforced security guardrails with Kyverno admission controllers on Kubernetes platform.
- Hardened CI/CD pipelines using GitLab with Kaniko image builds and Wiz container image scanning.



- Modernized VM access with GaraSign and automated VM and GPO onboarding using Ansible Automation Platform.
- Automated data collection routines and defined data pipelines in GitLab CI/CD.

**Technologies:** Kubernetes (EKS), Vector.dev, Kyverno, GitLab CI/CD, Kaniko, Wiz, Ansible Automation Platform, Python.

## **Senior Site Reliability Engineer, McGraw Hill (Cloud Infrastructure Reliability and CI/CD Modernization)**

**Duration:** Sep. 2024 - Jun. 2025

**Summary:** Engagement at McGraw Hill's Higher Education division focused on improving cloud infrastructure reliability, platform automation, and modernizing CI/CD pipelines on AWS to enhance operational efficiency and reduce incidents.

### **Responsibilities:**

- Provided L1/L2 after-hours on-call support for production systems, triaging and resolving incidents.
- Conducted post-mortems to drive remediation and prevent recurrence.
- Standardized infrastructure provisioning using GitHub Actions-gated workflows to eliminate configuration drift.
- Codified New Relic monitoring as infrastructure as code with reusable Terraform modules.
- Migrated legacy Puppet/Apache routing rules to CloudFront Functions to modernize CDN delivery.

**Technologies:** AWS, GitHub Actions, Terraform, New Relic, CloudFront Functions, PagerDuty.

## **Specialist DevOps Engineer, WEX INC (Enterprise Architecture & DevEx Tooling and Secure Cloud Practices)**

**Duration:** Dec. 2022 - Nov. 2024

**Summary:** Hybrid DevOps engineering and enterprise architecture role at a NYSE-listed global payments company, focusing on identity architecture, secure cloud practices, PCI-DSS/SOC 2 compliance, and improving operational efficiency across AWS environments.

### **Responsibilities:**

- Acted as AWS Subject Matter Expert and technical reference for DevOps teams.
- Defined authentication architecture and IAM strategy with Auth0 and Okta.
- Migrated CipherTrust Manager platform to multi-region EC2 deployment and integrated tokenization.
- Instrumented backend microservices with Datadog APM and Splunk Enterprise.
- Built Terraform-provisioned Python reference API integrating Auth0 and Google Apigee.
- Led architectural analysis and contributed to company-wide initiatives to reduce operational risk.
- Implemented and optimized MSK Serverless cluster integrated with Kinesis Data Streams and Firehose.
- Improved ECS efficiency through autoscaling and worker capacity tuning.
- Automated SOC 2 and PCI-DSS evidence collection and reporting, liaising with external auditors.



**Technologies:** AWS (EC2, Lambda, ALB, RDS, Route 53, MSK Serverless, Kinesis Data Streams, Firehose, ECS), CloudFormation, Terraform, Auth0, Okta, Datadog APM, Splunk Enterprise, Python, Google Apigee.

## **SRE/Cloud Solutions Architect, Senior Sistemas (AWS and Kubernetes Platform for Multi-Tenant ERP/SaaS Products)**

**Duration:** Sep. 2020 - Apr. 2023

**Summary:** Built and operated AWS and Kubernetes platforms supporting multi-tenant ERP/SaaS products, focusing on CI/CD, multi-account architecture, disaster recovery, and modernization of legacy monolith applications into microservices.

### **Responsibilities:**

- Led application deployments with GitLab CI/CD and CloudFormation across EC2, EKS, and ECS.
- Built multi-account AWS infrastructure using CloudFormation StackSets for WMS product.
- Developed Helm charts and platform components for Kubernetes clusters.
- Migrated Docker Compose workloads to Kubernetes and integrated Elasticsearch-based metrics.
- Designed and delivered greenfield IaaS and public-sector projects on AWS.
- Co-designed disaster recovery plan and automated its execution using Terraform and Bash.

**Technologies:** AWS (EC2, EKS, ECS, CloudFormation, CloudFormation StackSets), Kubernetes, Helm, GitLab CI/CD, Terraform, Elasticsearch, Bash.

## **Mid-Level Infrastructure Analyst, Unique Telecommunications (Hybrid Infrastructure Automation and Observability)**

**Duration:** Feb. 2020 - Sep. 2020

**Summary:** Managed hybrid infrastructure across on-premises datacenter and AWS, focusing on automation, systems hardening, observability, and datacenter-to-cloud connectivity to improve reliability and security.

### **Responsibilities:**

- Automated OS-level operations using AWS Systems Manager Automation and custom SSM Documents.
- Hardened Linux and Windows instances against CIS benchmarks using Chef InSpec and AWS SSM Compliance.
- Participated in production on-call rotation, troubleshooting issues using Elastic Beanstalk logs and Amazon CloudWatch.
- Built observability dashboards with Grafana, Prometheus, Zabbix, Elasticsearch, and Kibana.
- Established site-to-site IPsec VPNs using Openswan, pfSense, AWS VPN, and Fortinet firewalls.
- Provisioned infrastructure across VMware vCloud Director, AWS, and Hyper-V.
- Maintained datacenter physical layer including rack organization, thermal management, and NAS/iSCSI storage.

**Technologies:** AWS Systems Manager, Chef InSpec, Elastic Beanstalk, Amazon CloudWatch, Grafana, Prometheus, Zabbix, Elasticsearch, Kibana, Openswan, pfSense, AWS VPN, Fortinet firewalls, VMware vCloud Director, Terraform, Hyper-V, NAS (FreeNAS, QNAP).



## Technical Support Technician, DIATIVA, Blu Computadores and Inventti (IT Support and Infrastructure Automation)

**Duration:** Jun. 2013 - Feb. 2020

**Summary:** Provided technical support across hardware, networking, operating systems, and business-critical integrations, progressing from intern to mid-level support technician, laying the foundation for later infrastructure and reliability engineering roles.

### Responsibilities:

- Delivered end-user and infrastructure technical support for hardware, operating systems, and networking.
- Troubleshoot EDI integration failures between communication VANs and business partners.
- Diagnosed and repaired desktop, server, and peripheral hardware.
- Administered Windows Server environments including Active Directory, DNS, and DHCP.
- Automated Red Hat Linux patching with Ansible playbooks (AWX).
- Managed firewalls including pfSense, SonicWall NGFW, and Fortinet.

**Technologies:** Windows Server (Active Directory, DNS, DHCP), EDI, Ansible (AWX), pfSense, SonicWall NGFW, Fortinet.

## EDUCATION

### • FIAP, São Paulo, Brazil - Associate Degree, Cyber Defense

Two-year degree (2000h) focusing on Pentest studies with Red Team tools on Kali Linux and Threat Intelligence.

Jan. 2021 - Dec. 2022

## CERTIFICATION

### • AWS Certified Developer Associate

Amazon Web Services Training and Certification  
Dec. 2022

### • AWS Certified Solutions Architect Associate

Amazon Web Services Training and Certification  
Dec. 2021

