Luis Brancher

DevOps, SRE and Cloud

Blumenau - SC - Brazil
Native Portuguese, English B2 (moving to C1)
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DevOps intern focused on observability, looking for a junior DevOps, SRE or cloud role. I run a whole homelab as code, with Terraform, Ansible, k3s and ArgoCD, Prometheus alerting, backups with a tested restore and the failures written down in public repos. Before this, audiovisual since 2010, coordinating a team of 13.

STACK

Infrastructure as code	Terraform, HCP Terraform, Ansible, Ansible Vault
Kubernetes and GitOps	Kubernetes (k3s), ArgoCD, Helm, cert-manager, CloudNativePG
Storage and backup	TrueNAS, ZFS, NFS, pg_dump, rclone
Cloud	AWS (EC2, VPC, IAM), GCP (study), Cloudflare
CI/CD	GitHub Actions, Forgejo Actions, Git
Observability	Prometheus, Alertmanager, blackbox_exporter, Grafana, Loki, Scrutiny
Networking and security	OPNsense, VLANs, Firewall, Tailscale, WireGuard, SSH hardening, nginx
Systems and containers	Linux (Debian), Proxmox, LVM-thin, systemd, Docker Compose
Scripting	Bash, Python

PROJECTS

GitOps cluster on the homelab

`homelab-gitops`

A git push updates the service and reverting the commit rolls it back. k3s with ArgoCD running Nextcloud, Immich and Jellyfin, with automatic TLS and access only through the Tailscale network. The first deploy went through more than 10 failures before all five apps were Synced and Healthy.

Alerting and outside-in monitoring

`homelab-infra`

Prometheus and Alertmanager outside the cluster, notifying on Telegram about a host down, a disk full or filling up, memory, a site down, a certificate expiring and an overdue backup. A blackbox exporter probes the services the way a user would, with an uptime dashboard in Grafana as code. While building the backup alert, I found that the scheduled Git dump had never run.

Backups with a tested restore

`homelab-gitops`

The databases went four months with no backup, and nothing complained. Now there is a validated daily dump, ZFS snapshots, replication and an encrypted off-site copy. Restoring into a throwaway Postgres brought back 7,183 assets and 7,124 embeddings, matching production.

Homelab infrastructure as code

`homelab-infra` `homelab-network`

Proxmox VMs and containers provisioned with Terraform and configured with Ansible, with the network (OPNsense, 4 VLANs, switch and AP) in its own repo. About 3,600 versioned lines across three repos.

EXPERIENCE

DevOps Intern, ZPE Systems

`Sep 2026 – now`

- Alert analysis: I read the firing data and propose what to tune or remove, describing the risk of each change.
- On my own initiative, I built an interactive map of the flows of an internal platform, now used by the team as documentation.

Freelance motion designer and editor, for clients in Brazil and abroad, Alicerce Educação and international clients

`2021 – 2026`

Over 4 years at Alicerce, creating the videos and hiring local production companies across Brazil, with 70 recorded projects. In 2026, motion design, AI-assisted spots and podcast editing for clients abroad.

Creative Lead, Henry Schein Brazil

`2019 – 2021`

Promoted from video editor to coordinator in under a year. A team of 13, 3 videographers and 10 designers, running monthly retail, e-commerce and video campaigns.

CERTIFICATIONS AND COURSES

LFEL1009: Getting Started with OpenTofu, Linux Foundation	Nov 2026
LFS158: Introduction to Kubernetes, Linux Foundation	Sep 2026
Terraform Basics Training Course, KodeKloud	Apr 2026
Fortinet Certified Associate in Cybersecurity, Fortinet	Aug 2025
Fortinet FortiGate 7.6 Operator, Fortinet	Aug 2025
Cybersecurity Professional Certificate, Google	May 2025

EDUCATION

Systems Analysis and Development
UniCesumar, Jul 2026 – Jul 2028, in progress

Completed Cybersecurity courses
PUC-PR, May – Dec 2025

Advertising; Graphic Design technologist degree
UNIASSELVI, 2009 – 2013