
CV Version: 1.5

Graphical CV (PDF) : https://lele.rip/Lele_CV_Otta.pdf

This document (TXT) : https://lele.rip/Lele_CV.txt

This document (PDF) : https://lele.rip/Lele_CV.pdf

Personal contact details:

First name : Emanuele

Last name : Calo'

Real life nickname : Lele

Internet nickname : eldios

Currently live in : Lucca, Italy

Personal mail : emanuele.lele.calo@gmail.com

Personal Linkedin : <https://www.linkedin.com/in/emanuelecalo/>

Personal Github : <https://github.com/eldios>

Personal Site : <https://lele.rip>

My face : https://lele.rip/Lele_pic.jpg

Biography:

* I'm 41 years old (19831204 _ YYYYMMDD)

* Married, 2 sons (19 and 13 yrs old) .. and (at least) 3 cats :3

Actual & recent past work positions:

* Mar 2024 - [Present]

Company : Switchboard [<https://switchboard.xyz>]

Role title : Blockchain cultist, DevOps / SRE, Blockchain Engineer

Role impact :

- Rust and Typescript developer on tooling for the Solana blockchain
- Mentor junior and mid-level engineers on infra best practices
- Senior DevOps individual contributor with expertise in Kubernetes, AWS, Terraform, Linux, and Typescript
- Act as the Staff Engineer, liaising with other teams and stakeholders to address infrastructure needs and plan for the future

* Mar 2023 - Jan 2024

Company : Tint [<https://tint.ai>]

Role title : Lead SRE

Role impact :

- Main decision-maker for our cloud infrastructure
- Mentor junior and mid-level engineers on best practices
- Senior DevOps individual contributor with expertise in Kubernetes, AWS, Terraform, Linux, and Typescript
- Act as the Staff Engineer, liaising with other teams and stakeholders to address infrastructure needs and plan for the future

* Mar 2022 - Nov 2022

Company : Kraken Crypto Exchange [<https://kraken.com>]

Role title : Senior DevOPS & SRE

Role impact :

- Being a member of the CORE team
- Developing services for various teams such as trading, staking, etc.
- Serving as an internal team of experts to ensure best practices and security measures are implemented in the work of other teams

* Jan 2021 - Mar 2022

Company : Ada [<https://ada.cx>]

Role title : Senior DevOPS, SRE, Kubernetes wizard

Role impact :

- Participated in the on-call rotation for infrastructure as a Site Reliability Engineer (SRE).
- Mentored junior and mid-level engineers on best practices.
- Served as a senior DevOps individual contributor with expertise in Kubernetes, AWS, Terraform, Linux, and MongoDB.
- Acted as the Staff Engineer, engaging with other teams and stakeholders to address infrastructure needs and plan for the future.

* July 2017 - December 2020

Company : Teleport [<https://goteleport.com>]

Role title : DevOPS, SRE, Kubernetes wizard

Role impact :

- Participated in the on-call rotation for infrastructure as a Site Reliability Engineer (SRE).
- Mentored junior and mid-level engineers on best practices.
- Served as a senior DevOps individual contributor with expertise in Kubernetes, AWS, Terraform, Linux, and MongoDB.
- Acted as the Staff Engineer, engaging with other teams and stakeholders to address infrastructure needs and plan for the future.

* August 2012 - June 2017

Company : End Point Inc. [<https://endpoint.com/>]

Role title : Hosting team leader, SysAdmin/DevOps

Role impact :

- Participated in the on-call rotation as an SRE for infrastructure.
- Served as a technical team leader for a team of approximately 10 individuals.
- Implemented automation for Linux systems used in web hosting.

* April 2012 - [Present]

Company : IT Consultant & Web hosting [<https://sshadm.in>]

Role title : Founder

Role impact :

- Side-gig I keep around all the time to host my own and a few friends/relatives websites on some dedi servers
- This is mostly using Ubuntu/Plesk/Hetzner/Cloudflare/borgbackup/Docker as I think that's the best combo around (right now) for self-hosting with close to zero maintenance
- This is also a good sandbox/testing/learning environment for myself as I experiment with new technologies (on dedicated VMs)

[previous positions redacted for brevity, check LinkedIn]

Tech stuff:

[overall]

- * ~8 yrs+ DEVOPS/SRE [1]
- * ~10 yrs+ TECH LEAD [1]
- * ~20 yrs+ SENIOR SYSADMIN [1]
- * ~20 yrs+ TECH EVANGELIST [1]

* CKA (Certified Kubernetes Administrator) - https://lele.rip/cka_2018.png

[sysadmin/devops]

- * Proficient with Kubernetes, Helm, Kops, Docker and learning a few others interesting Cloud and container related techs like rkt, Swarm and more
- * Proficient with the Hashi stack (Consul, Vault, Nomad, Terraform, Packer)
- * Proficient with automation DevOps common tools (Terraform, Puppet, Ansible, Chef)
- * Constantly growing and improving experience with "CLOUD" environments like RackSpace, Amazon AWS (EC2 and more), Linode, Digital Ocean, GCE/GKE, Proxmox (on premise) and more
- * Comprehensive and extensive expertise in common IT administration fields [2]
- * I'm the maintainer of a few AUR packages for the User maintained Arch Linux package system. You can find an updated list here:
<https://aur.archlinux.org/packages/?K=eldios&SeB=m>

[networking]

- * proficient with networking subjects and projects, even with complex and advanced infrastructures

[development]

- * intermediate proficiency in various programming languages [3]

[various]

- * definitely an "early-user" and new technologies "pioneer" [4]

Facts about me:

- * I LOVE presenting at conferences, so I'll be happy to present technical topics online (YouTube/Twitch) or at conference live
- * Travels abroad would be appreciated if not too frequent (~ every two months)
- * I'm a Scout (as in Boy/Girl Scout) and serve as a volunteer in the Italian Scouting non-religious Association called CNGEI.
I'm a Scout Troop Leader in my local group, a Scout adult trainer at national level and part of the National IT group for my Association.
- * I'm a fast learner

- * I'm a problem solver [5]
- * I'm an hacker [6]
- * I can proudly say I have an "hackish" mind which pulls me to dig in various life fields (tech-related or not)
- * During my life I "studied/played with" the following subjects, divided by macro areas:
 - + crypto enthusiast, mostly Bitcoin, Solana, Monero and Ethereum
 - + Arduino, Raspberry, ESP8266, other Linux embedded devices & DIY electronics, mechanical keyboards, 3D printing, VR headsets
 - + paper-RPG games, RPG games, roguelike games.. many other kind of games :)
 - + startups, YC/HN related topics
 - + martial arts, motorbikes
 - + other very interesting things I probably forgot...

Internal doc References:

[1] Competent with almost every Linux distro but mainly:

- * Nix/NixPkgs/NixOS (my current distro #1)
- * Arch Linux (my current distro #2)
- * any Ubuntu/Debian based
- * Centos/Fedora based (RHEL and CloudLinux included)
- * (a bit rusty) Gentoo (my first real "love" distro)

My actual distro is nixOS.

Been using Nix/NixPkgs everywhere with Ubuntu and Arch wherever it is possible and makes sense considering the use case.

Also quite confident with Microsoft products (I already met ActiveDirectory more than once) and Apple products as I always worked in cross-platform environments (Linux on the servers and proprietary software on desktops).

As experimentation also played with most other *nix based systems (BSD, SmartOS) and a lot of different weird linux distro (Arch, Gentoo, sorceror/archmage, pentoo, ecc)

[2] I worked in almost every sysadmin fields, working to setup and maintain services for:

- * Cloud providers: AWS, GCE, Azure, DigitalOcean, Hetzner, and many more
- * Virtualization: Xen, QEMU/KVM, AWS EC2, VMWare, VirtualBox
- * Containers: Docker, rkt, CoreOS
- * Containers Orchestration: Kubernetes, Rancher

- * system monitoring (Nagios/Icinga, CheckMK, ZenOSS, AWS CloudWatch)
- * SQL database services (MySQL and PostgreSQL)
- * NoSQL database services (CouchDB/bigCouch, redis, mongo)
- * HTTP (Apache, nginx, LiteSpeed, lighttpd)
- * DNS (Bind, Microsoft AD, dnsmasq)
- * mail (postfix, courier, qmail, dovecot, exim, sendmail)
- * backup (Amanda, CrashPlan, custom solutions, backuppc, borg)
- * code deployment (git, svn, cvs)
- * VPN networking (openvpn, tinc, PPTP, IPsec)
- * various others (nodejs, rails, rvm, full system encryption, clusters)
- * IPv6 solutions management and configuration (native and 6to4)
- * SELinux setup, management and configuration

[3.a] Ordered by skill, and grouped by grade (legend at [3.b]):

8/10)

- * Linux
- * Kubernetes (k3s, KOPS, kubeadm, rancher, r3k, etc..)
- * OpenTofu / Terraform
- * AWS
- * ShellScripting

7/10)

- * Ansible
- * Go
- * Rust
- * Python
- * Ruby
- * Perl
- * NodeJS/Javascript (also modules like jade, stylus, less, express, Meteor)
- * Typescript
- * Nomad
- * Consul
- * Vault
- * Packer

6/10)

- * Solidity (EVM) on Ethereum
- * PHP
- * SQL (mostly MySQL and PostgreSQL)

5/10)

- * NoSQL* (redis,couchDB and MongoDB)
- * C# (through Unity, for game development as a hobby)

4/10)

- * Java (also Android development)

3/10)

* C/C++

[3.b] Rating scale 0-10 explanation:

0 -

Absolutely NO EXPERIENCE

1-3 -

Can read and understand the subject area, but would not be comfortable implementing most things.

4-6 -

"comfortable" to "very comfortable" with the subject area and all normal / routine work.

7 -

extremely proficient and have deep technical expertise in the subject. Comfortable with personally designing and implementing any project in that area.

8 -

Expert in the field and would likely be the 'go-to' person for all things related in any type of environment.

9 -

Expert and have written a book on the subject or have a patent in the field.

10 -

Reserved for recognised industry experts in a field (e.g. James Gosling, Guido Van Rossum, Douglas Crockford, etc..)

[4] Early adopter in many fields:

* early Android user (1.6 on)

* early NodeJS user (0.3.x on)

* early Minecraft tester (bought in alpha for 9.99 USD, good times)

* early "almost-everything-which-THEN-have-huge-hype" user :)

[5] As defined here <http://solversmanifesto.com>

[6] As defined here http://en.wikipedia.org/wiki/Hacker_%28programmer_subculture%29

vim: set nu=2 ts=2 list nu