

Cleyton Fábio

e-mail: cleyton.flb@gmail.com

phone: +55(74)933005604

linkedin: <https://www.linkedin.com/in/iamcflb/>

github: <https://github.com/cflb/>

gitlab: <https://gitlab.com/pixi3s>

Information Systems Analyst (Dev SysAdmin Security Software engineer Linuxer)
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Abstract

I am constantly encouraged to solve problems with GNU/Linux, or with some free or open source technology. In the last 22 years i could collaborate with several companies and government, accumulating a large experience as SysAdmin, NetworkAdmin, Infrastructure, Developer, Teacher, Software Engineer.

Some services under control:

- web - apache, nginx, lighthttpd, toncat
- Databases - MySQL, PostgreSQL, SQLite, Oracle, NoSQL.
- ServiceApplication - drupal, wordpress, odoo, joonla
- Network (Architecture, tunneling (VPN), Protocols, Sec, Monitoring)
- Containerization - docker and docker-compose, podman, jail
- Virtualization - libvirt, kvm, vmware, vbox openvz, vserver.
- Sec and Monitoring - Shellscrip, Firewalling, exploiting, iptables, proxy/squid, netstat, tcpdump, sed, nagios, grailog.

Software Engineering:

- Agile methods (XP, Scrum, Kanban), development team management, software design patterns, data modeling (ORM - Object Relational Mapper), UML, Distributed systems.
- Python: automation scripts, crawlers, ETLs, Web Dev/APIs (Django, Django Rest Framework, Flask)
- GIT Flow/GitHub/GitLab + CI/CD)
- **Infrastructure as Code** (TerraForm, ansible, testinfra with molecule)
- Unix-based Operating Systems
- Containerization with docker + docker-compose
- Vagrant + LibVirt

AWS Cloud:

- AWS Beanstalk, EC2, RDS, LB (Classic, Application and Network), CodeCommit, CodePipeline, S3

Teaching, Research and Extension

In the last 15 years I have also worked as a professor at higher and technical education institutions (UFRPE, FIS, ITEP, IFBAIANO).

Last Project:

In 2020 I led a team to develop the ROP-E platform, a strategic platform for managing and controlling police incidents for the State of Bahia (<https://www.rop-e.com>).

Experiência

Bahia Federal Institute of Education, Science and Technology
Substitute teacher
2019 - October 2020 (1 year)
Guanambi/BA, Brazil

Tag.i .. Creative Intelligence on the Web
CEO
January 2010 - January 2018 (8 years 1 month)
Serra Talhada/PE, Brazil
Consultancy and specialized, intelligent and creative solutions for web and mobile.

UFRPE - Rural Federal University of Pernambuco
Substitute teacher
September 2014 - September 2016 (2 years 1 month)

Free **Server Network**
Voluntary
2006 - January 2015 (9 years)
The Free PE **Network** is a horizontal action promoted with the common objective to help people. The **network** provides web services!

Pernambuco Institute of Technology - ITEP
teacher/tutor
October 2006 - November 2012 (6 years 2 months)
Serra Talhada, Pernambuco, Brazil
- Technology consultant for innovative projects
- teacher of technical courses on Internet Software Development

Ministry of Communications of Brazil
GESAC Implementer
February 2004 - April 2006 (2 years 3 months)
Pernambuco, Paraíba, Sergipe, Alagoas, Brasília / Brazil
Social Implementer of the GESAC Program - Electronic Government **Service** of Citizen **Service**

Performed the following activities:
- Facilities of **Community** Laboratories and Telecentres
- Administration and Maintenance of the program's community servers of Digital Inclusion Brazil (IDBrasil)
- Operations with audio/video stream services
- Trainings

SESI - Industry Social **Service**

Systems **and Network** Manager

January 2001 - January 2004 (3 years 1 month)

Petrolina, Pernambuco, Brazil

- Managed the Computer **Network**
- **Network** Equipment (ethernet/wifi/VPM)
- Servers, Data, Authentication, Cache, Printing among others.

Academic education

UNITER

International University Center

MBA, Software Engineering for Mobile Devices (2019 - 2020)

UFRPE

Federal Rural University of Pernambuco - UFRPE

Information Systems (2006 - 2012)