

## Contact

Telegram/@pedrohlc  
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www.pedrohlc.com

## Curriculum Vitae

Coding and contributing since 2007.

## Experience

### Languages

Portuguese (first language),  
English (can read, write and  
understand well)

### Programming Languages

Bash, C, C++, C#, Elixir, Elm,  
IA-32's assembly, GNU  
Makefile, Java & JVM  
Bytecode, Pascal & Delphi,  
Perl, PHP, Python, R, Ruby,  
Swift, SystemVerilog,  
TypeScript, Vala, and VB.NET.

### Web Technologies

Apache & Nginx, Bootstrap,  
CertBot, CGI, Flask & Django,  
HTML5 & CSS3 & JS, NPM &  
YARN, Rails & Sinatra,  
React.TS, SASS, Sockets  
TCP/UDP, VirtualDOM, and  
WebSockets.

### Other

OpenSource, Deno, Docker &  
Podman & Nspawn, NixOS &  
ArchLinux & Debian, GIT &  
Mercurial, OpenStack, Virtual  
Machines (with KVM and  
VFIO), QtQuick, MongoDB &  
MySQL & PostgreSQL &  
SQLite, Markdown &  $\LaTeX$ ,  
SSH and more.

2022–Present

#### Mind Lab Brasil

Full-stack developer - Remote - Brazil

@mindlabbrasil

##### Some projects:

- Daily maintenance to a monorepo umbrella project;
- Job-based system capable of generating PDFs from  $\LaTeX$ +EEx templates, upload to AWS S3 and send to students' parents;
- Teacher registration app capable of integrating with a third-party system;
- Bumping from Elixir 1.11 to 1.14; Recreating the EKS cluster from v1.18 to v1.24.

Elixir, Oban, React.TS, AWS, PostgreSQL, CircleCI, Kubernetes

2020–2022

#### Paack Logistics

Elm Engineer - Remote - Spain

@paackeng

##### Some projects:

- Development of internal SPA applications written entirely in Elm with elm-ui and GraphQL;
- Developed a design library to unify the "look and feel" between our apps (paack-ui) a library for better handling GraphQL's data (paack-remotedata), as well as tools for enhancing our codebase (frontend-elm-kit and i18n-json-to-elm).

Elm, elm-ui, TypeScript, GraphQL, Auth0, GitHub Actions, Mixpanel, POEditor, GCP, Docker, Helm

2018–2020

#### Freelancing

##### Some projects:

- Small adaptations to Helios voting system.
- A tiny reverse port forwarding for multiple platforms in C.

LDAP, Django, Docker, PostgreSQL, NGINX, TMUX, C, GDB, Valgrind.

2019–2019

#### Sin UFSCar

Cloud SysAdmin & RedTeam member - Hybrid - Brazil

sin.ufscar.br

Pentesting, OpenStack, Kubernetes, Prometheus, OpenHPC, Rancher

2017–2018

#### Neoart Labs

Game/Front developer - Hybrid - Brazil

hackerexperience.com

Elm, Elixir, Jenkins (CI/CD), GitHub, Unit Test.

2013–2016

#### DIV Propaganda

Frontend web developer - On-site - Brazil

Porto Ferreira, SP

HTML5, JS (ES5), SASS, Bootstrap, NPM, Gulp, MySQL, PHP, Opencart, SFTP.

## Extracurricular

2018–2022

#### Chaotic-AUR

Containers, POSIX Shell Script, UNIX, Web Servers, QEMU, SystemD (Services & Nspawn), DevOps, Git, SSH, Linux, Ruby, Sinatra, MongoDB

aur.chaotic.cx

2019

#### UFSCar's federated computer solution

KVM, QEMU, VFIO, Passthrough, 802.11x, RADIUS, ZFS, C++, Qt5 Embedded, XEN, Git-Lab, BitTorrent, Multicast, LaTeX, AlpineLinux

pedrohlc.com/poster\_marcos\_1m.pdf

2016–2017

#### DC AutoConn

Android, 802.11x with Certificates

Play Store: com.pedrohlc.dcautoconn

2016–Present

#### OSD Lyrics

Python, GTK3, Linux

github.com/OSDLyrics

2018

#### SECOMP UFSCar

Android, Django, Flask, REST API, Bootstrap, PostgreSQL, CertBot, NGINX, Ubuntu

www.secompufscar.com.br

2016–2018

#### P.O.M.B.O. UFSCar

Teaching InfoSec

Federal University of São Carlos, UFSCar

2016

#### HackaTruck Project

iOS, OSX, Swift Lang.

IPE

2012

#### Photoshop minicourse instructor

ETEC Prof Jadyr Salles