

Contact

Telegram/@pedrohlc
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www.pedrohlc.com

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.

Curriculum Vitae

Coding and contributing since 2007.

Experience

2022–Present

Mind Lab Brasil

Full-stack developer - Remote - Brazil

@mindlabbrasil

Some projects:

- Daily maintainence 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
pedrohlc.com/poster_marcos_1m.pdf

2019

UFSCar's federated computer solution

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

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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