Pedro Henrique Lara Campos

Note
Last updated on January 8, 2024. To obtain the latest version of this document, click here.

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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, Cert Bot, CGI, Flask & Django, HTML5 & CSS3 & JS, NPM & YARN, Rails & Sinatra, React.TS, SASS, Sockets TCP/UDP, Virtual DOM, and Web Sockets.

Other
Open Source, Deno, Docker & Podman & NSpawn, NixOS & Arch Linux & Debian, GIT & Mercurial, OpenStack, Virtual Machines (with KVM and VFIO), Qt Quick, MongoDB & MySQL & PostgreSQL & SQLite, Markdown & LaTeX, SSH and more.

Curriculum Vitae
Coding and contributing since 2007.

Experience

2022–2023 — Mind Lab Brasil — @mindlabbrasil
Full-stack developer - Remote - Brazil
Some projects:
- Daily maintanence 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, PostgresSQL, CircleCI, Kubernetes

2020–2022 — Paack Logistics — @paackeng
Elm Engineer - Remote - Spain
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

2018–2023 — Freelancing
Some projects:
- Small adaptations to Helios voting system.
- A tiny reverse port forwarding for multiple platforms in C.
- A tiny applet in Rust puppetting a third-party Java app.

LDAP, Django, Docker, PostgreSQL, NGINX, TMUX, C, GDB, Rust, Tauri.

2019–2019 — SIn UFSCar — sin.ufscar.br
Cloud SysAdmin & RedTeam member - Hybrid - Brazil
Pentesting, OpenStack, Kubernets, Prometheus, OpenHPC, Rancher

2017–2018 — Neoart Labs — hackerexperience.com
Game/Front developer - Hybrid - Brazil
Elm, Elixir, Jenkins (CI/CD), GitHub, Unit Test.

2013–2016 — DIV Propaganda — divpropaganda.com.br
Frontend web developer - On-site - Brazil
HTML5, JS (ES5), SASS, Bootstrap, NPM, Gulp, MySQL, PHP, Opencart, SFTP.

Extracurricular

2023–Present — Chaotic-NYX — nyx.chaotic.cx
Nix, Flakes, Cachix, FlakeHub, GitHub Actions

2018–2022 — Chaotic-AUR — aur.chaotic.cx
Containers, POSIX Shell Script, UNIX, Web Servers, QEMU, SystemD (Services & NSpawn), DevOps, Git, SSH, Linux, Ruby, Sinatra, MongoDB

2019 — UFSCar's federated computer solution — pedrohlc.com/poster_marcos_1m.pdf
KVM, QEMU, VFIO, Passthrough, 802.11x, RADIUS, ZFS, C++, Qt5 Embeded, XEN, GitLab, BitTorrent, Multicast, LaTeX, AlpineLinux

2016–2017 — DC AutoConn — Play Store: com.pedrohlc.dcautoconn
Android, 802.11x with Certificates

2016–Present — OSD Lyrics — github.com/OSDLyrics
Python, GTK3, Linux

2018 — SECOMP UFSCar — www.secompufscar.com.br
Android, Django, Flask, REST API, Bootstrap, PostgreSQL, CertBot, NGINX, Ubuntu

2016–2018 — P.O.M.B.O. UFSCar — Federal University of São Carlos, UFSCar
Teaching InfoSec

2016 — HackaTruck Project — IPE
iOS, OSX, Swift Lang.

2012 — Photoshop minicourse instructor — ETEC Prof Jadyr Salles