

Luis Alejandro Martínez

Senior Full Stack Developer • DevOps • Telecom Engineer
+584243524970 • luis@luisalejandro.org • [Portfolio](#) • [LinkedIn](#)

ABOUT ME

I'm passionate about finding out end-user needs and creating beautiful interfaces with sustainable architecture. I've been on the field for more than 13 years, but I'm always fascinated by new technology, which I try to integrate into new projects as soon as possible.

I've worked in backend, frontend and devOps roles with startups from the US, Chile, Uruguay, Spain, Canada, Mexico, and Venezuela. I've been in leadership roles, and I also founded my own startup.

Having worked remotely for more than 9 years, I have extensive experience in agile methodologies. I'm a team player, always looking to guide and mentor colleagues in need of assistance.

SKILLS

Languages • Spanish (Native), English (C2 Proficient).

Programming • Python (+10 years), Javascript (+10 years), Node (+5 years), Typescript (+5 years), Golang (+2 years).

Frontend • React (+3 years), Vue, Ionic, Electron, Next, Chakra UI, Tailwind, Material UI.

Backend • Express (+3 years), TypeORM, Sequelize, Firebase, Elastic, MySQL, MongoDB, Redis.

DevOps • Docker (+9 years), Kubernetes, AWS, GCP, Github Actions.

Markup • Markdown, reStructuredText, \LaTeX .

Other • Debian packaging, custom kernels and installable ISO images for GNU/Linux distributions. Python Packaging.

EDUCATION

UNEFA • Telecom Engineer
Jul 2003 — Jul 2009 • Maracay, Venezuela
Design, development, implementation and debugging of electrical communications systems, electronic, electromagnetic or optical.

CERTIFICATIONS

HackerRank React • Nov 2023

HackerRank Node • Nov 2023

EF SET English C2 • Nov 2023

OPEN SOURCE

Dockershelf • [Dockershelf/dockershelf](https://github.com/luisalejandro/dockershelf)

Agoras • [LuisAlejandro/agoras](https://github.com/luisalejandro/agoras)

EXPERIENCE

Freelancer • Python Developer / DevOps

Jul 2023 — Nov 2023 • Maracay, Venezuela

- Dockerized Django applications for clients at Upwork.
- Deployed AWS Lambda functions in Python for clients at Upwork.
- Developed Agoras and Agoras Actions, an open source library written in Python for publishing posts on social networks.
- Created my portfolio (luisalejandro.org/portfolio) which is made with React and Next.

Wheel The World • Senior Software Engineer

Jun 2022 — Jul 2023 • Berkeley, United States (Remote)

- Implemented the price and booking integration with Expedia. Used React, Next and Chakra UI to create reusable interfaces and components: the price list, the hotel details and the payment modules.
- Developed new CRUD modules to web applications based on Node, Next and TypeORM.
- Developed the new CI/CD workflow of the company by using Docker, Google Cloud Run and Github Actions.

Collage Labs • Founder

Jan 2020 — Jan 2023 • Maracay, Venezuela

- Created a Bitcoin News site in Django. It consulted several Bitcoin news sites and saved copies to be paraphrased later by editors.
- Worked with project managers and developers supervising requirement completion for clients around the world.
- My team worked with React, Ionic, Chakra and Next for the frontend and Django in the backend. I lead the scrum meetings and presented demos to the clients.

Soleit • Full Stack Developer

Oct 2020 — Jun 2022 • Santiago, Chile (Remote)

- Implemented an Electron container for an Ionic-React app. Used React and Material UI for the interface.
- Created a Python driver for a foot hardware scanner and a Flask API to read and capture foot impressions.
- Built the backend and frontend of SoleTech 2.0, a groundbreaking desktop app which allows to diagnose and design specialized foot insoles.
- Used Node, Express, Sequelize and Postgres to create a REST API. Used AWS Lambda and S3 storage for the deployment.
- Its release allowed Soleit to enter the growth stage, with financing from Ganesha Lab, UC Davis and CORFO Chile.

Guayoyo • Python Developer

Jun 2019 — Dec 2021 • Montevideo, Uruguay (Remote)

- Implemented speed and memory optimizations to [HowlerMonkey](#) up-dater, which translated to a 66% memory reduction and faster updates.
- Developed modules to add vulnerabilities sources to the index, including: OpenVAS, Nessus and Nmap, allowing Guayoyo to add value, increase sales and reduce costs.

Leadbox • Full Stack Developer

May 2018 — Feb 2020 • Ottawa, Canada (Remote)

- Implemented an asset build queue based on Node, Webpack and client-server architecture.
- Developed Marvin, a video creation app configurable by JSON files, written in Python.
- Developed a deployment system for Wordpress sites using Ansible.
- Created Wordpress plugins. Developed [Leadbox homepage](#).