Luis Alejandro Martínez Faneyth

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Education

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

CNTI • Advanced python
2011 • Caracas, Venezuela
Structures, virtual environments, version control systems, reStructuredText, Sphinx, Django, Sqlite, GUI (pyGTK, pyQT), iterators, generators, decorators, unit tests.

CNTI • Basic python
2011 • Caracas, Venezuela
Interpreter, standard library, basic functions, data types, modules, cycles, interaction with the user and the operating system, output format, error handling.

Skills

Languages • Spanish (native), English (fluent)
Programming • Python, TypeScript, Golang, PHP, Shell script, Make.
Web • Ionic, React, Next.js, Anime.js, GSAP, Express.js, Webpack, Gulp, Jekyll, Django, Flask.
DevOps • Docker, Kubernetes, Git, AWS, Digital Ocean, Travis CI, Github Actions, Ansible.
Database • PostgreSQL, MySQL, MongoDB, Redis.
Diagramming • Markdown, reStructuredText, LaTeX.
Other • Debian packaging, custom kernels and installable ISO images for GNU/Linux distributions. Python Packaging.

Conferences

Debian Day • Speaker
2018 • Maracay, Venezuela
The Internal World of a Programmer.

DebConf 2012 • Speaker/Developer
2012 • Managua, Nicaragua
Making derivative distributions with Canaima Semilla.

Side projects

Dockershelf • Dockershelf/dockershelf

Pip Sala Bim • LuisAlejandro/pipsalabim

Candyshop • LuisAlejandro/candyshop

Experience

Soleit • Full Stack Developer
Jan 2020 — present • Santiago, Chile (Remote)
Built the backend and frontend of SoleTech 2.0, a groundbreaking desktop app which allows to diagnose and design specialized foot insoles. Implemented an Electron container for an Ionic-React app. Used Express.js, Sequelize and Postgres to create a REST API. Its release allowed Soleit to enter the growth stage on the startup life cycle, with financing from Ganesha Lab, UC Davis and CORFO Chile.

Collage Labs • Founder
Sep 2021 — present • Maracay, Venezuela
Identified and maximized sales opportunities resulting in 6 new clients. Worked with project managers and developers supervising requirement completion for clients around the world. Worked with designers to set up website and social media presence.

Guayoyo • Python Developer
Jun 2019 — Dec 2021 • Montevideo, Uruguay (Remote)
Implemented speed and memory optimizations to HowlerMonkey updater, which translated to a 66% memory reduction and faster updates. Developed modules to add vulnerabilities sources to the index, including: OpenVAS, Nessus, Metasploit, ExploitDB, PacketStorm, Snort, Suricata and Nmap, allowing Guayoyo to add value, increase sales and reduce costs.

Webuzz • Wordpress Developer
Apr 2019 — Apr 2020 • Madrid, Spain (Remote)
Developed Recetags and Gin Burdon websites using Wordpress and AJAX technologies.

Leadbox • Full Stack Developer
May 2018 — Feb 2020 • Ottawa, Canada (Remote)
Implemented an asset build queue based on webpack and client-server architecture. Developed Marvin, a video creation app configurable by json files. Developed a deployment system for Wordpress sites using Ansible. Implemented UI/UX optimizations on Leaderbox, an Angular web app. Created Wordpress plugins. Developed Leadbox homepage.

Guayoyo • Python Developer
Jul 2017 — May 2018 • Montevideo, Uruguay (Remote)
Created the backend for HowlerMonkey, a vulnerability reporting app. Implemented HowlerMonkey's REST API using Flask.

Vauxoo • Full Stack Developer
Feb 2016 — Nov 2016 • Valencia, Venezuela
Improved the company's docker images. Developed Odoo pylint modules.

Grupo 361 • Software Engineer
Sep 2014 — May 2015 • Caracas, Venezuela
Developed American Eagle Outfitters Panamá and Btech watches websites.

CNTI • Linux Architect
Nov 2009 — Jul 2014 • Caracas, Venezuela
Developed versions 3.0, 3.1, 4.0 and 4.1 of Canaima GNU/Linux Operating system, allowing the venezuelan government to reduce costs of shipping 6 million laptops for educational program *Canaima Educativo*.