



Nicolás C. Marguglio

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📶 [azimut](#)

📁 [nmarguglio](#)

🏠 [personal site](#)

about me

I spend most of my professional career maintaining and designing high-scalable Linux systems. More recently, I have been learning how those systems are built from the programming side.

technical skills

- 🔧 common lisp, bash, go, awk, jq, elm
- 🔧 emacs, github actions, makefile, docker, ansible
- 📊 sqlite, postgresql
- 🐧 gentoo, red hat

job experience

Email Hosting Software Engineer III — Web.com

2017-2018

- Continuing the OS migration now on the shared email platform. From using `qmail` to `postfix`.
- Implemented a centralized logging solution based on the `Fluentd`, `Postgresql` and `Grafana`.
- Automated `qemu` vm creation for non-production environments, using `ansible`.
- Deployed a `kubernetes` cluster for running `selenium` integration tests.

Web Hosting Software Engineer II — Web.com

2014-2016

- Development on a dynamic ssl web proxy, based on `nginx` and `lua`. Backed by `redis`.
- Troubleshooting issues on a multi-network `Wordpress` installation. Backed by `mysql` Percona Cluster.
- Single-handedly migrated part of the web hosting platform from `Gentoo` to `RedHat` using `Ansible`.

Web Hosting Software Engineer I — Web.com

2011-2013

- Troubleshooting L3 customer support requests on a `LAMP` based shared hosting platform.
- OS maintainer of a `Gentoo` Linux fork used across the shared hosting platform. From kernel to libraries.

Jr. Linux System Administrator — Sols S.A.

2011

- Network design and deploy of a `OpenVPN` node and a `Squid` proxy. Maintenance and technical support.

education

| | | |
|-------|---------------------|------------------|
| 24 | Front-End JS | BA Aprende |
| 15 | Penetration Tester | Base4 |
| 14 | RHSA I | IT Collage |
| 10/11 | Systems Engineering | UTN - Incomplete |

languages

English Upper-Intermediate
Spanish Native

personal projects

| | |
|-------------|--|
| Common Lisp | several game engines and midi sequencers 🔗 |
| Golang | command line clients to view comments of different websites 🔗 |
| Elm | fully searchable database of tech podcasts 🔗 |
| C | register x11 events into an sqlite database to track activity 🔗 |
| Erlang | monitor of public dns records 🔗 |
| React | image gallery view of subreddits 🔗 |
| Javascript | webapp to convert exported chats of Zoom meetings into timed subtitles 🔗 |