

# Nicolás Marguglio

✉ [nicolas.marguglio@gmail.com](mailto:nicolas.marguglio@gmail.com) · 🌐 [azimut](#) · 📄 [nmarguglio](#)

April 25, 2024

## 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, git, docker, ansible, github actions
- 📦 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 `Squid` proxy. Maintenance and technical support.

## education

## languages

15	Penetration Tester	Base4
14	RHSA I	IT Collage
10/11	Systems Engineering	UTN - Incomplete

<b>English</b>	Upper Intermediate
<b>Spanish</b>	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 🔗
Typescript	reddit image gallery, made with React 🔗