

# Nicolás Marguglio

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## 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

## languages

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

**English** Upper-Intermediate

**Spanish** Native

## personal projects

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