



# Nicolás C. Marguglio

March 12, 2025

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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

2024	Front-End JS	<i>BA Aprende</i>
2015	Penetration Tester	<i>Base4</i>
2014	RHSA I	<i>IT Collage</i>
2010/1	Systems Engineering	<i>UTN - Incomplete</i>

## 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 🔗