Nicolás C. 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

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