

# 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, 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

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 
Erlang	monitor of public dns records 
Typescript	reddit image gallery made with React 