

# 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

2015	Penetration Tester	Base4
2014	RHSA I	IT Collage
2010-2011	Systems Engineering	UTN - Incomplete

## 🗣️ languages

English	Upper Intermediate
Spanish	Native

## 💻 personal projects

Common Lisp	several <a href="#">game engines</a> and <a href="#">midi</a> sequencers
Golang	command line clients to view <a href="#">comments</a> of different websites
Elm	fully <a href="#">searchable</a> database of tech podcast episodes. Updated daily.
Erlang	monitor of public <a href="#">dns</a> records
Typescript	reddit <a href="#">image gallery</a> made with React