# Nicolás Marguglio

✉ nicolas.marguglio@gmail.com · ⌂ azimut · in nmarguglio · ⌂ personal site

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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

| | | |
|---:|---|---|
| 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 🔗 |