

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

🗣 languages

English Upper Intermediate
Spanish Native

📁 job experience

Email Hosting Software Engineer III — Web.com

2017-2018

- Participated in the conversion of the email hosting platform.
 - from one based on **qmail** and **courier-imap**, to one based on **Postfix** and **Dovecot**
 - from **Gentoo** to **RedHat**
 - created rpms of custom patches
 - authored **ansible** playbooks for the new servers
- Implemented a logging solution
 - based on **Fluentd**, **Kafka** and **Postgres**
 - to identify bad actors and blacklist them accordingly
- Worked on optimizing current web performance
 - adding cache layers
 - investigating new load balance solutions
- Deployed a **Kubernetes** cluster for development of internal applications.

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

Professional Penetration Tester — Base4
Red Hat System Administrator I — IT Collage
Systems Engineering — UTN (Incomplete)

2015
2014
2010-11

personal projects

Common Lisp	· several game engines and midi sequencers
Typescript	· reddit image gallery made with React
Gentoo	· minimal docker images
Bash	· integrate several security tools for automated bug bounty work
Golang	· command line clients to view comments of different websites
Erlang	· monitor of public dns records
C	· local system monitor
Elm	· fully searchable database of tech podcast episodes. Updated daily.
Latex	· this resume , build and published through Github Actions