

# Nicolás Marguglio

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## 👤 about me

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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

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📄 common lisp, bash, go, awk, jq, elm  
🔧 emacs, git, docker, ansible, github actions  
🗄️ sqlite, postgresql  
🐧 gentoo, red hat

## 🗣️ languages

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**English** Upper Intermediate  
**Spanish** Native

## 💼 job experience

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### 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

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Professional Penetration Tester — Base4

2015

Red Hat System Administrator I — IT Collage

2014

Systems Engineering — UTN (Incomplete)

2010-11

# personal projects

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