

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

Web Hosting Software Engineer II — Web.com

2014-2016

- Continuing to work on customer support escalation.
- Worked on *Wordpress* multinetwork hosting platform, based on *nginx* and percona cluster (mysql).
- Packaging and maintaining all the software related to the *Gentoo* based shared hosting platform.
- Maintaing the in-house configuration management tools and related *PXE* servers and custom kernel build.
- Worked on the development of a *Nginx* based proxy for *SSL* termination. Developed in *Lua* and *Redis*.
- Deployed a *Kubernetes* cluster for development of internal applications.

Web Hosting Software Engineer I — Web.com

2011-2013

- Troubleshooting customer issues on a *Linux* shared web hosting platform.
- As the last level of support I was responsible of understanding in depth the issue and finding the root cause of it.
- Which consisted of coding issues on the customer code, bad configuration on the server side or missing software configurations.

- Network design and deploy of a *OpenVPN* node and *Squid* proxy. Maintenance and technical support.

🎓 education

Professional Penetration Tester — Base4

2015

Red Hat System Administrator I — IT Collage

2014

Systems Engineering — UTN (Incomplete)

2010-11

💻 personal projects

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