PABLO FREDRIKSON

email: pablo.fredrikson[at]gmail[dot]com
website: fredrikson.com.ar

Critical thinking, decision-making and problem solving skills. Special skills and experience on startups.

Areas of Knowledge

- Managing **Kubernetes in Production** since 2016.
- Avid **Docker** user, evangelist and **speaker**.
- Good technical background managing **microservices** written in modern languages (go, node).
- Working with **AWS** since 2015 and several of their most important services (EC2, RDS, S3).
- Infrastructure as code with **terraform**.
- Good knowledge of **new technologies** in general.
- Experience **leading** a team of 10 people on a fast-paced **startup**.

Professional Experience

Invision – Lead SRE (March 2015 – Present)

Managing more than 20 production clusters of Kubernetes, and more than 3000 EC2 instances. Technical leader of a 10+ person team. AWS management. Helped architect the company's deployment workflow, using company made tools and external CI/CD services like Codeship. Security consulting, network consulting. Enforcer of good practices.

- Worked and led the engineering effort of a cost reduction project that implemented several Kubernetes and AWS customizations that saved the company $3.5M in its AWS bill.
- Led the effort of the migration from a monitoring vendor to hosted Prometheus, Grafana and Thanos solution. Monitoring around 3000 Kubernetes nodes in AWS.
- Helped design a service which recycles Kubernetes nodes automatically based on certain rules (like Kubernetes, AMIs, and versions of bootstrap scripts)
- Worked on designing the terraform code repository which takes care of the entire company infrastructure, including AWS and some other external services.
- Migrated the whole company collection of assets (around 20 TB) to S3 within the first 2 weeks working for the company

VialP – Senior Sysadmin (February 2010 – May 2017)

IT manager of a local ISP. Responsible for the company servers (firewalls, web servers, mailservers) Responsible for the complete design and implementation of these servers using Docker. Puppet experience.

Sport195 – Senior Sysadmin / SRE (August 2014 – March 2015)

Linux servers administration, responsible for the configuration management of the (200+ EC2) servers using Puppet. Designer of the EC2 network using VPC and Internet Gateways. Nginx administration. ElasticSearch administration. Basic MongoDB administration

Brivin Corporation – Senior Sysadmin / SRE (September 2013 – July 2014)

Linux servers administration, responsible for the configuration management of the servers using Puppet. Nginx servers administration. Responsible for the company's deployment workflow using Puppet and Jenkins. Proxmox management with LXC.

Silice S.A. - Senior Sysadmin (September 2010 – August 2013)

Linux server administration, responsible for the design and architecture of several webhosting servers using WHM/Cpanel. Strong linux and networking consulting. Security consulting. Servers management with Puppet. Asterisk. Zimbra. VMware. MySQL.

Concatel Vanture Team – Semi-Senior Sysadmin (May 2009 – September 2010)

Systems administration of Windows and Linux servers. WHM/Cpanel servers administration. Oracle. Squid

Webhouse SRL – Subway Argentina – Junior Sysadmin (January 2006 – May 2009)

Management and responsible for linux bandwidth controllers and firewalls. Support and responsibilities to maintain 400+ computers working 24/7. Windows servers administration.

Languages

English (fluent), Spanish (native)

Public talks

I've given several technical and non-technical talks locally and nationally. Some of them include: Docker, Kubernetes, CI/CD workflows, engineering and sysadmin experiences.

Youtube channel (Tutorials and How-To's - In spanish)
Slides

Hobbies

- Football (soccer)
- Movies and TV Shows fan
- Gaming (Counter-Strike, Starcraft)
- Creating YouTube videos like Tutorials, Guides and Vlogs
- Public talking regarding open source technologies.