

# ALEJANDRO SANCHEZ

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## SUMMARY

Devops specialised in Linux infrastructure and cloud-services. +16 years of open source experience. Lead Engineer.

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## SKILLS

**Infrastructure and Testing:** Linux, Nginx, Apache, Chef, Puppet, Ansible, OpenVPN, Jenkins, Hudson, Selenium, JMeter, Gerrit.

**Virtualization:** AWS, Google Cloud, S3, Kubernetes, Xen, Vagrant, Docker, CoreOS, OVirt, NX, OpenSwift, OpenStack.

**Web Technologies:** HTML5, JavaScript, Java/J2EE, Ruby, PHP and Python.

**Mobile:** Objective-C, Swift, Android, JQuery Mobile, Bootstrap and Foundation.

**Frameworks:** Symfony, Laravel, Ruby on Rails, Flask, JQuery, Angularjs, Node.js / Express.

**Monitoring:** Nagios, Sensu, Monit, LogStash, Capti, New Relic, DataDog, Influxdb, Graphana, Prometheus, Sysdig.

**Big Data, Events and Databases:** Spark, Storm, Cassandra, Kafka, RabbitMQ, ES, RDS, MySQL, PostgreSQL and MongoDB.

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## WORK EXPERIENCE

**Devops, Adobe, San Francisco (USA)**

May 2016 - present

- Work with +50 Platform Engineering in orchestration infrastructure that manages containers infrastructure for Creative Cloud. 10 team distributed maintain the infrastructure with +24000 containers, +2200 apps and +1300 hosts in AWS and Azure using DCOS

**Devops, Splunk, San Francisco (USA)**

May 2016 - present

- Lead Content Devops. Automation in Ansible for ES/ITSI/Mint. New multi-tenant architecture. Infrastructure in AWS/GCE.

**Devops, Neurowork, San Francisco (USA) - Madrid, Spain.**

Jan 2007 - May 2015

- 400+ Open Source projects in Infrastructure (AWS, Google Cloud) and Web (J2EE/PHP). Open source evangelist. WhyFLOSS Trained 100+ projects using open source technologies (HTML5, Linux, networking,..) and open source talks. University lecturer.
- Backend Infrastructure for 40MM+ users in public government with Linux. Virtualization consultancy with OpenStack.
- Mobile Application Infrastructure: AEAT (40MM+ users Linux / KVM), Doblezero (AWS) and 3minmotor (AWS).
- Created [www.ladderr.com](http://www.ladderr.com) a scalable social media management toolbox using Symfony, MongoDB, AngularJs over Docker with social media API Integrations: Twitter, Facebook, Pinterest, LinkedIn and Instagram. Testing: Selenium and JMeter.
- Created [www.mobysite.com](http://www.mobysite.com) a scalable website builder using eMobic, PHP5, MySQL, JQuery with 10000+ websites over Docker.
- Released as open source [www.emobic.com](http://www.emobic.com) in J2EE, PHP and Obj-C, a native mobile development application framework and support 6000+ developers. Open source evangelist in web and mobile. Docker infrastructure in Digital Ocean.
- Created eMobic Guides in IOS and Android Markets, guides built using Ruby (available in IOS since 2011). Qualcomm AR mobile applications backend: Mobile World Congress "Geocongress" and Telefonica Educa Kids.
- J2EE Development (JSP, EJB, Hibernate) and Deployment (Maven, Graddle, Ant)

**Technology Advisor:** Dubself (3MM+ users CDN), Zentio, LIWT (GC + Python), Hitsbook, Drainware, Eureka. Jan 2011 - present

**Devops, Qindel, Spain / Mexico.**

Jan 2005 - Dec 2006

- Development and implementation of biggest desktop virtualization project in LATAM (1000+ servers). Linux HA/LVS.
- Worked with telco to filter in real time SMS and MMS over Linux (10MM+ users). Xen, HA Proxy, Kickstarter.
- Open source evangelist promoting open source products of the company with Nagios, Monit, OpenMRTG, Perl.

**Devops, S21SEC, Spain / Mexico..**

Jan 2004 - Dec 2004

- Infrastructure and security for telco companies and architecture (Linux, Snort, Nagios, Modsecurity). Filtering 30MM+ events.

**Devops, OpenSistemas, Madrid, Spain.**

Jan 2003 - Dec 2003

- Education project to manage 100+ colleges using Python and PHP. Infrastructure with Linux (Apache, OpenSSH, MySQL).
- Antivirus projects for Samba and Linux Kernel. Antivirus simulator network using open source and Linux (Bind, Apache, NTP, OpenSSH, Postfix). Open source evangelist. Filtering 1MM+ servers in real time.

**Devops, HispaFuentes, Madrid, Spain.**

Jan 2002 - Dec 2002

- Open source Distribution. Debian packages. Shell scripting. Linux infrastructure with 300+ servers for e-Health (Apache, Bind, ..)

**Devops, UPSA, Madrid, Spain.**

Jan 2000 - Dec 2001

- Cluster projects 10+ nodes using Open Mosix. P2P research. Python, Bash, Linux (Debian).
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## EDUCATION

**City College of San Francisco, San Francisco, CA.** Web Application Development and Linux Certificate. Aug 2015 - Est. May 2016

**CodePath, San Francisco, CA.** Swift Bootcamp.

Jan 2015 - Est. Apr 2016

**EAE Business School, Madrid, Spain.** Master of E-Commerce and Marketing.

Jan 2015 - Dec 2015

**EAE Business School, Madrid, Spain.** Executive MBA.

Jan 2012 - Dec 2014

**IESE Business School, Madrid, Spain.** Master of Startups Internationalization.

Jan 2015 - Dec 2015

**Universidad Pontificia de Salamanca, Madrid, Spain.** Bachelor of Computer Science.

Jan 2000 - Dec 2002

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## CERTIFICATIONS

Solaris 10 Network Administrator and Trainer. Solaris 10 System Administration and Trainer. Linux Professional Institute 1A and Trainer. OSSTMM Open Professional Security Tester. RHCE Trainer. Splunk Architect/Administrator/Power User/ITSI/ES.

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## OTHER SKILLS

**Product and Project Management:** Designed and created open source products and startups. SCRUM and Kanban methodologies.

**Team Leader:** Managed teams of 15+ Engineers and Devops. Worked with customer teams between 5-20 Engineers and Devops.

**Startups:** Worked in several startups as entrepreneur and advisor.

**Open Source:** Broad experience founding Hispanic communities: WhyFLOSS, Mono Hispano, Kernelnewbies-es and Hurd Hispano. Contributor: Linux Kernel, GNU, GNU-ES, GNOME, GNOME-ES, FreeDesktop, KDE, MONO and Maemo. SoliMadrid President. Released eMobic framework as open source.

**Awards:** Qualcomm Mobile Developer Hero, Mozilla Firefox OS Finalist and Lean Startup Machine Finalist. Codepath best app.

**Languages:** Spanish (native), English (fluent), Portuguese (fluent).