



Resume

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Profile

LinkedIn - [Public profile](#)

Education

Name of Recent School Attended

UOC Universitat Oberta de Catalunya, Bachelor of Engineering (B.E.) Computer Engineering, (2006, not finished).

STUCOM, (CFGS) Systems and Apps Administrator, 2002-2004

Skills

Applications

- Web Servers: NGINX, Apache Web Server.
- App Servers: Jetty, IBM WebSphere, Oracle Weblogic
- Databases: MySQL, Postgres, Redis, DynamoDB, MongoDB, Oracle, MS SQL.
- Other Servers: Bacula, Jira, Karaf, ActiveMQ, Meteor, Radius, OpenVPN, ServiceMix, NodeJS.
- Programing/Scripting: Bash, Golang, Python.

Platforms

- Cloud: AWS, GCE, Azure, RackSpace, Digital Ocean.
- Private Servers (VMWare ESXi).
- Containers: Docker, Docker compose, Docker swarm, Kubernetes.
- WAF: Akamai, CloudFlare, Signal Sciences.
- CDN: Akamai, Cloudfront, MaxCDN, CDN77, RackSpace, CloudFlare.
- CI: Jenkins, Jenkins X, Gitlab.
- Monitoring: NewRelic, Datadog, Nagios, Prometheus,



Quick details:

- Software Engineer with a Sysadmin background.
- 15 years in this field.
- Experience working in international workspaces.

Website last jobs:

1. www.letgo.com
2. www.typeform.com
3. www.opportunitynetwork.com/
4. www.leadigital.com
5. www.mykoots.com

Sensu (PoC).

- Automation: Ansible, Helm, Terraform, Puppet & Saltstack.

Languages

Fluent English, Spanish and Catalan.

Some Italian lessons.

Work Experience

2019-Current

Letgo (Barcelona, Spain),

Software Engineer

- Migrate services from EC2 to Kubernetes
- Design and develop tools for deploying to Kubernetes (Helm charts)
- Create and maintain resources and modules with Terraform (IaC)
- Create and maintain WAF, configurations and properties with CDN provider
- Bi-weekly squad sprint goals regarding DevOps tasks
- On call rotation

2019 (6 months)

Typeform (Barcelona, Spain),

DevOps Engineer

- Working in OPS team with an SRE approach.
- Main project: Migration to Kubernetes.

2018 (6 months)

SQLI (Barcelona, Spain),

DevOps Engineer

- Working as Team Lead for Nestlé.
- Main project: Digital Transformation.

2016 - 2018

Opportunity Network (Barcelona, Spain),

DevOps Engineer

- Initially hired to migrate from AWS to SoftLayer (IBM) due to better reputation in FinTech (requested by Stakeholders).
- Changed architecture from Monolithic Stack to Microservices.
- Maintaining Legacy platform and building New Product in GCP with Kubernetes (in 6 months!). New platform goodies:
 - Autoscale.
 - Auto-healing.
 - Fault tolerant (HA).
 - Immutable infrastructure.

- Persistent scalable storage.
- Workload balancing.
- Rolling updates.
- Build CI/CD pipeline with Jenkins & Blue Ocean for each Microservice.
- Working with Agile methodologies, SCRUM.

2014 - 2016

Alea Digital, SL (Barcelona, Spain), System Administrator

- System Administrator for more than 30 servers in four different environments: DEV (vagrant with vmware-workstation), UAT (vmware-workstation), Staging (CloudFlare-Rackspace) Production (bare metal servers on BMIT).
- Agile team working with Jira: Kanban boards for sysadmin + Scrum for developers.
- Secured server configuration for CentOS Linux servers (iptables, fail2ban, mod_security2, OSSEC).
- Run PCI scan tests and solve possible issues to ensure PCI compliance.
- Scripting (bash, python).
- Planned and Executed new projects:
 - Nagios.
 - Bacula.
 - MySQL DB Replication (Tungsten - Galera Cluster).
 - Migration SVN to GIT.
 - Samba4 configuration with LDAP + kerberos.
 - CI: Jenkins.
 - IT Automation: Ansible and Tower.

2010 - 2013

MyKoots, Sant Cugat del Vallès (Barcelona, Spain), System Administrator

- I was the only System Administrator for more than 30 servers in three different environments: deploy, test and production.
- Planned and Executed new projects:
 - Architecture and deployment for several apps:
 - All Servers were Linux (Ubuntu Server Distribution).
 - Fast platform deployment with Puppet.
 - Bacula (Network Backup Solution).
 - Subversion and GIT.
 - Nagios monitoring and deployment of specific plugins.
 - Migration from private servers to a

Infrastructure as a Service platform
(IaaS in a dedicated and professional
Data Center).

- Migration from IaaS to Cloud
Computing with Amazon (S3 & EC2).
- MyKoots Specific Platform in HA (Web
Servers, App Servers, DB Servers).

References

Available upon request