

Toulouse, France

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married, 1 child
driving licence B

Languages

French 
English 

Social links

dockerhub: dj4ngo
github: dj4ngo
gitlab: dj4ngo
linkedin :sboyron
pypi: ground-sector
twitter: SBoyron

Methodologies

DevOps 
Agile 

Distributions

alpine 
centos 
clonezilla 
debian 
fedora 
kali 
lfs 
minix 
redhat 
suse 
ubuntu 

Tools

circle-ci 
CI/CD 
explainPMT 
github 
gerrit 
git 
gitlab 
gitlab-ci 
jenkins 
redmine 
shippable 
subversion 
svn 
travis-ci 
vim 

Sébastien Boyron

Linux and Cloud Devops Engineer

Carrier objective

To leverage my experience in large production platforms, my affinity for automation and devops methods and my rigor acquired during my self-employed adventure in enhancement of open-source products professionalism and work on future technology in computing by working on cloud virtualization and containerization technologies and next computing steps in the future.

Work experience

since 10-16 **Technical Leader, Linux Cloud and Virtualization** squad, Toulouse, France
Created squad community around linux, cloud and virtualization. Managing budget, create a team over multiple squad sites and brings this team together around a common technological scanning on containers, kubernetes, openstack, ELK, IaaS ... Setup internal training around Linux and Openstack.

since 03-15 **Linux cloud & DevOps engineer** squad / orange OINIS ITE, Toulouse, France
Create standards for virtualization with VMWare and network virtualization with Juniper Contrail and Openstack for orange group. In charge of CI/CD process definition, installation and configuration. CI/CD based on gitlab, fully customized dockers and jenkins. Guarantee deliveries quality. Setup bash and python development rules and standards. Fully automate using ansible and templating using jinja2 complex deployments of openstack and contrail using director tripleO. Referent for monitoring solution of whole openstack platforms using multiples orange monitoring tools.





















09-14 - 03-15 **System and virtualization engineer** sii / orange business services, Toulouse, France
Technical manager of WASAC platform (automated OBS customers routers configuration). System and network team management (5 persons). Plan evolution, maintenance, upgrade of ESXi platform (10 ESXi on two datacenters, 200 virtual machines). Responsible of platform in medium term capacity planning. Upgrade and optimize PostgreSQL databases with dalibo (12 databases).

09-10 - 09-14 **System and virtualization engineer** sii / rockwell collins france, Toulouse, France
I worked on an embedded containers application server (OpenVZ) for airbus A350. Design and operate a unified development environment. Automatize and maintain functional tests platform. Development on initrd and openvz fine tuning.







09-09 - 09-12 **Linux Engineer** self-company, Perpignan, France
Setup and maintenance of unix and linux systems for several customers. Design and development of an automated backup tool for SMEs. Project management of Probal, a company management simulation tool specialized in logistics and transports destined to training teachers.

03-09 - 09-09 **Project manager assistant (trainee)** ensto france, Perpignan, France
Assist the project manager in the ERP migration (PMICS to cegid PMI). Modeling all company processes and propose some enhancements. Setup a project and resources management tool. Diary management of users implied as key user in this project (15 persons). Management of IT parc on three distant sites (Nefiach, Paris, Spain). Design and setup a new high-available and multi-site servers infrastructure.










Administration

ansible 
apache 2 
bacula 
DPKG 
Heartbeat 
HA 
initrd 
kernel 
lamp 
linux boot 
pacemaker 
puppet 
PXE boot 
RPM 
Satellite 5 
Satellite 6 
ssh 
systemctl 
system V 
tftpbboot 

Containers

LXC 
Docker 
OpenVZ 
rancher 
kubernetes 
swarm 

Virtualization

ESXi 
KVM 
libvirt 
openstack 
Qemu 
vCloud 
vCenter 
virtualbox 
Xen 

Openstack deployment

OSA 
fuel 
juju 
maas 
tripleO 

Development

Bash 
C 
jinja2 
latex 
nodejs 
perl 
python 

Training and Certifications

2016 **RedHat Openstack Administrator** Toulouse, France
Training modified for orange group. Including major part of CL210 an ceph part from CL310 [\[more\]](#)
2012 **Novell SUSE 11 Tech Spec** France
Novell certification
2012 **Bootlin (Free Electron)** Toulouse, France
Embedded Linux Training [\[more\]](#)
2010 **Novell Certified Linux Administrator (CLA)** France
Day-to-day administration of SUSE Linux Enterprise Server networks. [\[more\]](#)
2009 **LPIC-1 Linux Administrator Certification** Toulouse, France
General Linux installation and administration tasks [\[more\]](#)








Education

2007 - 2009 **Ingénieur Chef de Projet en Informatique et Robotique** IMERIR, Perpignan, France
Engineering Degree in computing and robotics project leader **with honours** [\[more\]](#)
2007 - 2009 **Mastère EAI, Electronique, Automatique, Informatique** UPVD, Perpignan, France
four-year degree in Electronic, Direct dialing and Computing - University of Perpignan Via Domitia [\[more\]](#)
2007 - 2008 **Licence Informatique** UPVD, Perpignan, France
Bachelor of computer science - University of Perpignan Via Domitia **with honours** [\[more\]](#)
2004 - 2006 **DUT GEII Génie Electronique et Informatique Industrielle** University Institute of Technology, Nîmes, France
two-year technical degree in Electrical Engineering and Industrial Computing [\[more\]](#)
2003 - 2004 **Bac S SI (spécialité Mathématiques)** Lycée Denis Diderot, Narbonne, France
Bac Scientifique option sciences de l'ingénieur (spécialité Mathématiques)
High school diploma in sciences, engineering sciences option (specialized in mathematics) [\[more\]](#)





Memberships

technical **Tetalab [\[more\]](#)** Toulouse hacker space
Design, share, learn
computing **Openstack foundation [\[more\]](#)** World wide community
Promote the development, distribution and adoption of Openstack
computing **Mhackgyver pentest team [\[more\]](#)** French pentest team
World wide security contests, local events, ctf, share, learn, develop
local life **Member of my town committee [\[more\]](#)** Levignac
Make the town living and attractive.

Networking

bonding 
bridges 
firewalld 
iptables 
namespace 
sdn 
tcp 

Databases

firebird 
mariaDB 
postgres 
sqlite 

Security

chroot 
fail2ban 
iptables 
metasploit 
nmap 
selinux 

Character

Passionate
Autonomous
Curious
Pragmatic

Hobbies

computing
swimming
AI
mathematics
golf
electronic
psychology
traveling

Side Projects

python

Red Hat - ansible [\[more\]](#)

bugfix on docker and packages parts

community contributor

python

Niet [\[more\]](#)

yaml and json parser for bash due to lack of powerfull yaml parser in bash

owner

python

Cerber [\[more\]](#)

auto-generation of seccomp profile for docker containers by learning phase

owner

docker

docker-rpi [\[more\]](#)

Cross-compile docker image for RaspberryPi (arm) directly from dockerhub. Inspired by [resin.io](#) work and adapted to alpine linux.

personal project

python

Plugin for [home assistant](#) to integrate [full home energy](#)

Integration of my solar panel domotic box to my home assistant server

private project

ansible

squad community lab [\[more\]](#)

Transformation in administration of squad community sandbox server to Infrastructure as a code project

owner

More projects at <https://github.com/dj4ngo>

Awards

2009

Semi-finalist of winstrat competition

Winstrat is competition of business administration. It uses [WorldStrat](#) simulator.

management

2008

3rd of regional gesti-on-line competition

Gesti-on-line is a regional competition of business administration based on [FirStrat](#) simulator.

management

2007

Qualified for E=M6 robotic cup

Robot who could take some balls on the floor and put them into some baskets regarding the color of the ball. [\[more\]](#)

robotic

2006

Finalist of national robotic competition of Nîmes

Robotic competition of sumo robots [\[more\]](#). The goal is to push out the competitor robot.

robotic

Latest update - June, 2018