

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 ★★★★★
tftpboot ★★★★★

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 ★★★★★
RPM build ★★★★★

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]	community contributor
	bugfix on docker and packages parts	
python	Niet [more]	owner
	yaml and json parser for bash due to lack of powerfull yaml parser in bash	
python	Cerber [more]	owner
	auto-generation of seccomp profile for docker containers by learning phase	
docker	docker-rpi [more]	personal project
	Cross-compile docker image for RaspberryPi (arm) directly from dockerhub. Inspired by resin.io work and adapted to alpine linux.	
python	Plugin for home assistant to integrate full home energy	private project
	Integration of my solar panel domotic box to my home assistant server	
ansible	squad community lab [more]	owner
	Transformation in administration of squad community sandbox server to Infrastructure as a code project	

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

Awards

2009	Semi-finalist of winstrat competition	management
	Winstrat is competition of business administration. It uses WorldStrat simulator.	
2008	3rd of regional gesti-on-line competition	management
	Gesti-on-line is a regional competition of business administration based on FirStrat simulator.	
2007	Qualified for E=M6 robotic cup	robotic
	Robot who could take some balls on the floor and put them into some baskets regarding the color of the ball. [more]	
2006	Finalist of national robotic competition of Nîmes	robotic
	Robotic competition of sumo robots [more] . The goal is to push out the competitor robot.	

Latest update - June, 2018