

Toulouse, France

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Sébastien Boyron

Linux and Cloud Devops Engineer

Languages

French ★★★★★

English ★★★★★

Social Links

dockerhub: [dj4ngo](#)

github: [dj4ngo](#)

gitlab: [dj4ngo](#)

linkedin :[sboyron](#)

pypi: [ground-sector](#)

twitter: [SBoyron](#)

Methodologies

DevOps ★★★★★

Agile ★★★★★

Linux Distributions

alpine ★★★★★

centos ★★★★★

clonezilla ★★★★★

debian ★★★★★

fedora ★★★★★

kali ★★★★★

ifs ★★★★★

minix ★★★★★

redhat ★★★★★

suse ★★★★★

ubuntu ★★★★★

Tools

circle-ci ★★★★★

CI/CD ★★★★★

explainPMT ★★★★★

github ★★★★★

gerrit ★★★★★

git ★★★★★

gitlab ★★★★★

gitlab-ci ★★★★★

jenkins ★★★★★

redmine ★★★★★

shippable ★★★★★

subversion ★★★★★

svn ★★★★★

travis-ci ★★★★★

vim ★★★★★

Carrier Objective

To leverage my experience in large production platforms, my affinity for automation & devops methods to enhance opensource products professionalism and work on future IT technologies.

Work Experience

from oct.16
to date

Technical Leader, Linux Cloud and Virtualization

Squad, Toulouse, France

Create squad community around linux, cloud and virtualization. Manage budget, build & develop a team over multiple squad sites, train team with common technological scanning on containers, kubernetes, ELK, IaaS, Linux and Openstack.

from mar.15
to date

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. In charge of openstack platforms monitoring solutions using multiples orange monitoring tools.

from sept.14
to mar.15

System & Virtualization Engineer

SII / Orange Business Services, Toulouse, France

Technical manager of WASAC platform (automated OBS customers routers configuration). Managed System and network team (5 persons). Planned evolution, maintenance & upgrade of ESXi platform (10 ESXi on two datacenters, 200 virtual machines). Responsible for platform in medium term capacity planning. Upgraded and optimized PostgreSQL databases with dalibo (12 databases).

from sept.10
to sept.14

System & Virtualization Engineer

SII / Rockwell Collins France, Toulouse, France

Worked on an embedded containers application server (OpenVZ) for airbus A350. Designed and operated a unified development environment. Automated and maintained functional tests platform. In charge of Initrd and Openvz fine tuning development.

from sept.09
to sept.12

Linux Engineer

Freelance, Perpignan, France

Set up and Maintained unix and linux systems for various customers. Designed and developed an automated backup tool for small businesses. Created a management simulation tool called Probal which helps with training for teachers specialized in the transportation & logistics industries.

from mar.09
to sept.09

Project Manager Assistant

ENSTO France, Perpignan, France

Assisted project manager with ERP migration (formerly PMICS, now cegid PMI). Modeled all company processes and suggested improvements. Set up a project and resources management tool. Oversaw key users schedule management (15 persons). Managed the IT parc for three different satellite sites (Nefiach, Paris, Spain). Designed and set up 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 ★★★★★

Databases

firebird ★★★★★
mariaDB ★★★★★
postgres ★★★★★
sqlite ★★★★★

Training & Certifications

2016 **RedHat Openstack Administrator** Toulouse, France
Modified Training 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

from 2007 to 2009 **Ingénieur Chef de Projet en Informatique et Robotique** IMERIR, Perpignan, France
Computing & Robotics Chief Project Engineer **with honours** [\[more\]](#)

from 2007 to 2009 **Mastère EAI, Electronique, Automatique, Informatique** UPVD, Perpignan, France
Four-year degree in Electronic, Direct Dialing and Computing - University of Perpignan Via Domitia [\[more\]](#)

from 2007 to 2008 **Licence Informatique** UPVD, Perpignan, France
Three-year Bachelor of computer science - University of Perpignan Via Domitia **with honours** [\[more\]](#)

from 2004 to 2006 **DUT GEII** University Institute of Technology, Nîmes, France
Two-year technical degree in Electrical Engineering and Industrial Computing [\[more\]](#)

from 2003 to 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

Networking

bonding ★★★★★
bridges ★★★★★
firewalld ★★★★★
iptables ★★★★★
namespace ★★★★★
sdn ★★★★★
tcp ★★★★★

Development

Bash ★★★★★
C ★★★★★
jinja2 ★★★★★
latex ★★★★★
nodejs ★★★★★
perl ★★★★★
python ★★★★★
RPM build ★★★★★

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 RaspberryPi Alpine Linux docker image (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 - July, 2018