

Toulouse, France

(+33)686-588-579

sebastien@boyron.eu

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 ★★★★★

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 ★★★★★

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 nov.18
to date

Cloud consultant

Objectif-libre, Toulouse, France

Work on rootless containers solutions for HPC solution (tested RHEL6, podman, usernetes moby, buildah ...) in CNES. Architect a CaaS solution based on openshift, Harbor,

from oct.16
to oct.18

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 oct.18

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, installation and configuration) based on gitlab, dedicated docker images and jenkins. Guarantee deliveries quality. Setup bash and python development rules and standards. Fully automate using ansible and template 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 Probalit which helps with training for teachers specialized in the transportation & logistics industries.

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 ★★★★★
ceph ★★★★★

Containers

Rootless ★★★★★
LXC ★★★★★
Docker ★★★★★
OpenVZ ★★★★★
OpenShift ★★★★★
kubernetes ★★★★★
swarm ★★★★★

Virtualization

ESXi ★★★★★
KVM ★★★★★
libvirt ★★★★★
openstack ★★★★★
Qemu ★★★★★
vCloud ★★★★★
vCenter ★★★★★
virtualbox ★★★★★
Xen ★★★★★

Openstack deployment

OSA ★★★★★
fuel ★★★★★
juju ★★★★★
maas ★★★★★
tripleO ★★★★★

Databases

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

from mar.09
to sept.09

Project Manager Assistant

ENSTO France, Perpignan, France

Assisted project manager with ERP migration. Modeled all company processes and suggested improvements. 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.

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) [\[more\]](#)

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

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

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 RaspberryPi Alpine Linux docker image (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 - July, 2018