

David Bayle
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Skills :

- Languages: French & English, Spanish [school]
- Good interpersonal skills and adaptability, ability to work alone or in a team
- Able to manage a team or a project, serious and involved
- R. & D. project management
- Linux server and services management (Unix administration, Apache/Nginx, Mysql, DNS, email...)
- Datacenter and cluster management in high availability environments
- High Performance Computing (HPC clusters: CPU & GPU)
- Virtual environment management (Openstack, VMware, Proxmox, KVM, ...)
- High availability Storage with ZFS file system (Solaris/OpenSolaris/Nexenta/OpenIndiana/Illumian)
- High availability Storage solutions (Dell, HP, JBOD daisy chaining + failover, ...)
- High availability services/deployment (haproxy, ip + high volume traffic load balancing, ansible, ...)
- DevOps/Scripting (bash, python, php, perl, C & C++, c#, lua, ...)

Work experiences :

- | | |
|---|-------------------------------|
| Infrastructure Manager /
Senior Linux System Administrator
<i>BITFARMS, Brossard, QC.</i> <ul style="list-style-type: none">- Senior Linux System Administrator- Network Administration (architecture design + deployment + management)- Internal Infrastructure Manager + Cloud VMware- Office 365 Intune + MDM solutions manager- Internal IT security management | 11 months |
| Infrastructure Manager /
Senior Linux System Administrator
<i>GLOBOTECH Communications / NWORKS, Montréal, QC.</i> <ul style="list-style-type: none">- Senior System Administrator- Infrastructure Manager- Cloud Infrastructure Manager- Sys-admin team Supervisor | 3 years & 9 months |
| IT Director /
Linux Analyst Senior
<i>CYBERLOGIC Inc., Montréal, QC.</i> <ul style="list-style-type: none">- Internet Services Manager (all hosting types, data-center space rental, DNS management, infrastructure management, high volume site management, management and development of the internal infrastructure, ..)- Linux system administration [Server administration (Unix: Linux / Windows, Open-Solaris)]- Datacenter Management (load & temperature sensor, APC (battery), generator, etc..)- Virtual environment management (VMware ESXi, KVM, Proxmox, ...)- High Availability Storage (OpenSolaris / Nexenta / Open Indiana)- High Availability Sites management (load balancers, failover systems, ...)- Storage (FreeNAS / NetApp / Linux NFS server /ISCSI Jbods etc..)- Supervising the linux analysts team- Project management related to Internet hosting services and R. & D.- Consulting, audit and external interventions. (external consultant)- Networking (troubleshoot, sniffing, VPNs (openVPN, Cisco VPN,etc..) router/switch config, pfsense,...)- Email servers + filtering systems- Environments: LINUX: CentOS, uBuntu, Debian, Gentoo, RedHat, Scientific Linux. VIRT: VMWare ESXi, Kvm. ZFS: OpenSolaris, Nexenta, OpenIndiana, Illumian OTHERS: NAS storage, HPC servers, Clustering, GPU-Clustering(CUDA Technologies). | 4 years & 6 months |

System Administrator **1 year & 3 months**

ZEROSPAM Sécurité Inc., Montréal, QC.

- Production environment's supervision & Security Patch
- Level 2 Technical Support
- System Administration and Survey
- Development of Perl & Python modules / scripts.
- Technological environment: Linux Ubuntu 8.04 LTS & 9.10, Debian5, CentOS, Postfix, Amavis-d, SpamAssassin

System Administrator **3 months**

Uninov, Montréal, QC.

- Creation of an "on demand" VPN solution for remote access purpose.
- Installation and configure environment: Debian server and PPTP with transparent Squid.

System Administrator **2 months**

Centre Richebois, Marseille, FR.

- Setting up a remote monitoring solution.
- Installing a LAMP solution and service NX (NoMachine) on Debian.
- Environment setup (access secure, ssh, iptables ...).

Solution Developer **8 months**

Société Anezo, Aix en Provence, FR.

- Development of a software package designed to support reproductive function for perforated paper; implementing three separate sets. (1 acquisition system, a database, a perforation system) [about 3700 lines of code](C + +, OOP (Object Oriented Programming) ActiveX Control / OCX; MySQL, use of digital input/output couplers between different physical systems)

Network Administrator **3 months**

Centre Richebois, Marseille, FR.

- Management, maintenance and IT support in a professional training center (300 computers).
- Migration of the entire IT infrastructure.
- Monitoring and Auditing network.
- Deputy Head equipment procurement, cross-site interventions.

System/Network Administrator **4 months**

Imprimerie Hexagone, Aix en Provence, FR.

- Setting up and managing network for small business.
- Wiring and installation of computer equipment (40 computers).
- Responsible for purchase of equipment, management and maintenance.

Education :

2019	Microsoft Intunes + MDM solutions training
2018	VMware VDI + VmWare Horizon solutions training
2017	Dell Storage EMC (high availability storage) solutions training
2015/17	OpenStack Tokyo Summit + Participation in OpenStack/Ceph communitys
2011	International Master of Computer Science - M.Sc (Promotion 2011) - [Supinfo] (Montréal-CA)
2010/11	2nd year International Master of Computer Science [Supinfo] (Montréal-CA)
2009/10	1st year International Master of Computer Science [Supinfo] (Montréal-CA)
2008/09	1st year International Bachelor of Computer Science [Supinfo] (Montréal-CA)
2008	BTS: Brevet de Technicien Supérieur [Lycée Vauvenargues] (Aix en Provence-FR) (BTS IRIS = 2 years in university for a technical degree in computer science)
2007/08	2nd year BTS IRIS [Lycée Vauvenargues] (Aix en Provence-FR) (IRIS: Informatique et Réseaux pour l'Industrie et les Services techniques)
2006/07	1st year BTS IRIS [Lycée Vauvenargues] (Aix en Provence-FR)
2005/06	1st year IUT Génie Électronique et Informatique Industrielle [IUT St. Jérôme] (Marseille-FR)
2005	French Baccalauréat (option: Engineering Sciences) [Lycée St. Joseph] (Avignon-FR)

Other experiences :

Mail Carrier

Société Norbert-Dentressangle, Gignac, FR.

Driver: vehicle truck 3.5T : delivering/carrier in the Provence Alpes Cote d'Azur (PACA-France).

Volunteer

Association APARE / Alpes de Lumières

Restoration of ancient heritage, wall repair, reconstruction and rehabilitation of historic buildings.

- 2003-Château d'Alleins (13)

- 2004-Bergerie de Lardiers (04)