

David Bayle
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Skills :

Languages: French & English, Spanish [school]

- Linux server administration (System administration)
- High Performance Computing (HPC clusters: CPU & GPU)
- Virtual environment management (Openstack, VMware, KVM, Proxmox,)
- High Availability Sites/System management (Load balancers, proxys, failover systems, ..)
- High Availability Storage (CEPH, ZFS, DRBD, GlusterFS..)
- Panel solutions (cPanel, Plesk, ...)
- Storage solutions (Nexenta, FreeNAS, NetApp, Linux NFS server, ISCSI JBODs, ..)
- VOip systems (Freebpx, Trixbox, Cisco systems, Polycom, etc..)
- Email servers + Filtering systems ((Postfix/Exim, SA-Amavis,Dovecot,..) Barracuda, SpamHaus, Blacklist management, etc..)
- LAMP solutions (Apache, Nginx, Mysql, Galera, Varnish, etc..)
- Networking (Troubleshooting, VPNs (openVPN, Cisco VPN, ..), Router/Switch configuration, Firewalling (iptables, pfsense, ..))
- Datacenter Management (Nagios, Nagios scripting, Centreon, Load & Temperature sensor, UPS & Generator monitoring, ..)
- Scripting (Bash, Python, Perl, C/C++, LUA)

Work experiences :

Infrastructure Manager /

Senior Linux System Administrator

GloboTech Communications / Nworks, Montréal, QC.

- Senior System Administrator
- Infrastructure Manager
- Cloud Infrastructure Manager
- Sys-admin team Supervisor

since

march. 2015

IT Director /

Linux Analyst Senior

CYBERLOGIC Inc., Montréal, QC.

- 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

feb. 2015

sept. 2010

- 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).

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.

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)

Education :

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|----------------|---|
| 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) |