

GUILLAUME VAILLANT

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Date of birth: 3rd october 1979

CAREER OBJECTIVE

Motivated and passionate IT engineer who spent the last 10 years managing complex computers systems and networks, from user/customer support, to development of new services and their daily management. Now looking forward a new position, where he can use his skills and experiences in research and engineering or as a team leader.

EDUCATION

2003: maîtrise d'informatique (*master's degree in computer science*) - [Université de Nice Sophia-Antipolis](#)

mathematics, algorithmic, programming, project management, system architecture

2001: Licence d'informatique (*bachelor degree in computer science*) - [Université de Nice Sophia-Antipolis](#)

mathematics, algorithmic, programming, system administration (Linux, Solaris, MS Windows)

2000: DEUG MIAS (*two-year university degree in sciences*) - [Université de Nice Sophia-Antipolis](#)

mathematics, electronic and computer sciences

LANGUAGES:

french (main language), fluent english, moderate german, basic norwegian.

TRAINING

2011: training on «Isilon Administration»

2010: training for Brocade BCNE

2007: training on "database management with MS SQL Server 2005"

SKILLS

- Systems and networks management, system architecture, used to work in environment with strong constraints on high availability and high performances
- Project and team management
- Database management
- Virtualization

Operating systems : Linux (Debian, RedHat/CentOS, Gentoo, SuSE), MS Windows (basic knowledge of versions 2003 and 2008), knowledge of various BSD (FreeBSD, OpenBSD).

Scripts and programming languages : shell, Python, C, PHP, Perl

E-mail systems : SMTP (postfix, exim), POP3/IMAP (dovecot), message filtering (sieve, procmail), filtering of spam and virus (spamassassin, amavis)

Security : VPN (OpenVPN, OpenSwan/IPSec), GnuPG, SSL/TLS (openssl)

Network : TCP/IP, VLAN, loadbalancing (Linux IPVS), Brocade/Foundry, Cisco, 3Com

Storage and file sharing : Samba (CIFS), NFS, FTP, advanced knowledge of Isilon storage systems

Services : DNS (bind), HTTP (apache, nginx, squid), streaming (icecast, wowza media server, adobe flash media server), knowledge of many way to transform a multimedia file with ffmpeg and VLC

Virtualization : VirtualBox, VMWare eSXi, Xen, Linux KVM/libvirt

Databases : MySQL, MS SQL Server 2005

WORK EXPERIENCE

FROM MAY 2012 TO MAY 2014: SYSTEM AND NETWORK ENGINEER - [SMARTJOG/ARKENA](#)

Smartjog is a french CDN (also known as Arkena since january 2014), part of the media services unit of group [TDF](#)

I incorporated SmartJog's infrastructure team where I continue my duties for Yacast Media and take part of my new team activities. I recently switched to the CDN operations team where I act as a CDN expert.

FROM APRIL 2009 TO DECEMBER 2012: SYSTEM AND NETWORK ENGINEER - [YACAST MEDIA](#)

Yacast Media was a french CDN, bought in may 2012 by Smartjog

In charge of the "Open Source" part of Yacast Media's streaming platforms (radio, TV, video on demand). Tasks included day to day admin, customer support, evolution and improvement of existing services, development of new services and performance tuning.

FROM OCTOBER 2005 TO APRIL 2009: SYSTEM AND NETWORK ADMINISTRATOR - [ATEME](#)

ATEME is a french high-tech company, creating solutions around video (encoding and CCTV)

Part of team of 3 engineers/technicians in charge of the company's IT. Tasks also included some software development (PHP/Perl/Python), and support to the users located in the different offices abroad (UK, USA, Canada, China, Japan).

MISCELLANEOUS

Sport: rugby, sailing, cross country skying

Hobbies: reading, traveling, cooking

From march 2012 to july 2014 : member of association heimdall.net (non profit organization).

From may 2005 to may 2006: benevolent system administrator at association « Résidence Universitaire Lantéri »

References available upon request.