

# Brousse Nicolas

1980-07-29 (29y/o)

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## Wishes

- Genuine Team player, I like to manage and participate to the creation of project in informatic : from the thought to the production.
- Learning new competences in a strong team while practicing my current skill in resolving some problematics and managing projects.

## Professional experiences

*Apr. 2008 - Current*

*Tubemogul.com, Inc*

*Emeryville, CA (USA)*

### **LAMP Engineer, Sysop Manager**

- Server Management : Improve monitoring solution (nagios, rrd, nsca, munin, ganglia), Amazon ec2/s3 deployment
- Deployment and administration of +200 servers in Amazon EC2 Cloud (using LDAP, Bind, OpenVPN, NFS, MySQL, Hadoop, Tomcat, Haproxy, etc.)
- Virtualization Solution : VMware deployment in dev, staging and live environment. Evaluation of other solutions like OpenVZ, VServer, VirtualBox, KVM/Qemu.
- ActionScript (AS2 / AS3) programming for integrate Youtube Chromeless Player
- R&D : Development in Lua using MySQL proxy for our datawarehouse sharding strategie
- Deployment of a Debian repository for managing our home made packages (PHP, Apache HTTP, Apache Tomcat, etc.)
- Work on removing most of our SPOF (Keepalived, HAproxy, Csync2, DRBD, LDAP Producer/Consumer, MySQL Replication, etc.)
- Development in JAVA to improve some of our application to better scale on different Clouds.

*Mar. 2007 - Apr. 2008*

*Mediapiazza.com SAS*

*Nanterre (92 - France)*

### **Hosting Manager**

- Setup GeoLocalized (AR,ES,UK,DE,IT,PL) Reverse Proxy with Caching using Apache MPM Event with mod\_proxy, mod\_rewrite, mod\_cache, mod\_disk\_cache, mod\_mem\_cache, mod\_headers, mod\_expires, etc.
- Perform and stabilize all our technicals platforms (60 servers) and guaranting the QoS (more than 150 millions hits/day).
- Ensure the engineering of all the Mediapiazza's platform and the accompaniment of the developers in the development of their projects.
- Define and control the process of production release (from VMware Dev to Test and Live servers) and establish the coordination of the projects with JetMultimedia France (Subsidiary company of Neuf Telecom and head office of Mediapiazza).

*Nov 2004 - Mar. 2007*

*Kewego SA*

*Paris (75 - France)*

### **Project Manager, System Administrator, Developer**

- Managing the live production platform which deliver various medias for TV Channels (DELL POWEREDGE 2650 and 2850 SERVERS, SWITCH PC6240).
- Deploy and administrate the technical install inside our partner's TV Channels (Video pc + converters).
- Upgrading our monitoring (24x7 business critical services) and backup solutions (Hot-backup, Failover, Remote Backups). Deployment of our remote administration tools of our channels platforms (Dial-up, RS-232, DIGI RPM8, DIGI TS4 MEI).
- Building a CLI Managing tool (Bash) for all our Java daemons and coding a daemon for purging database.
- PHP developpment of the online payment solution, the Backoffice and the Frontoffice.
- Recoding part of our PERL CGIs for UTF-8 support (Welcome to special char. and german and spanish offices !).

*July - Nov 2004*

*Mediapiazza SAS*

*Paris (75 - France)*

### **R&D Project Leader**

- Managing a team of 6 development engineer, scheduling and tracking daily projects.
- Realize a project of financial management. Merging affiliate's financial information, engine of daily tracking of the financial state of the company using some webservices from telecom operators and internal services.
- Realize the schedule of conditions for a project of total rebuild of the techniacle platform with a migrate to a Business Intelligence solution, a ROI, and an affiliate service in a white mark (customisable service by our affiliates). Evaluate cost and human ressources needed, creating the Gantt chart for this project.

*Sept 2002 - June 2006*

*Syot SARL*

*Vendôme (41 - France)*

### **Contractor, Managing Director and Technical Manager**

- Marketing events for the launch of our web site in september 2002 named "Lycos Fantastique" in partnership with : Lycos FR, Nintendo, Glénat, Editions de Tournons, Playscope, Anime Manga Presse. Results : total cost of 200 000 €, 400 000 visitors, 35 000 collected address.
- Developpment of the e-shopping version of the web sites (PHP, MySQL, XML/XSL, CGI) and of the telephone application (VXML)
- Building a website administration tools and a newsletter management tools with 'wysiwyg' capabilities.
- Commercial partnership management with editors and distributors based in Japan, USA, Germany, Italia and France.
- Realize technical tools and process for manage our mail order trading service with a proper CRM and ERP which are interfaced with software dealing the forwarding parcels and the accountancy of the company (Sage 100).

*Nov 2000 to Sept 2002*

*Lycos France SA*

*Paris (75 - France)*

### **Events Manager**

- Manage 4 webmaster / developer.
- Develop the new ad format (PHP, JavaScript) for the European hosting platform Tripod / MultiMania (millions websites).
- Manage the build of a new dynamical design for the web site of Lycos Fr.
- Increase the quality and frequency of events within the group.
- Installation and creation of tools of assitance to the passage of WPS (Lycos server-side language) to PHP for the website of Lycos Fr (more than 12 000 files and 175 directories).

*Sept to Nov 2000*

*Multimania*

*Paris (75 - France)*

### **Integration Manager**

- Manage 3 webmaster.
- Create a tool for doing dynamic inquiries with complex forms and getting statistics from them.
- Realize a tools for administration of a monthly and dynamic contest.
- Create an editor's tools for management of the webshop guides and web contest.

*May to Sept 2000*

*FG ADPEP*

*Paris (75 - France)*

### **Responsible for Mission**

- Person in charge for an Outline agreement for the promotion of young employment.
- Contribute to the management of the Intranet of the federation (Lotus Notes and ASP).
- Installation of an ACCESS data base and realization of a new version of their website.

*Jul 1999 to April 2000*

*Municipalité de Blois*

*Blois (41 - France)*

### **Animator in center of leisures**

- Re-dynamization of the workshops and organization of days with sets of themes.

## **Formations & Diplomas**

*1998*

*Blois (41 - France)*

- High School graduation in Science
- Driving licence
- BAFA, SB, AFPS

*Jan. 2008*

*Paris (75)*

- Certified MySQL Associate
- Zend Certified Engineer (PHP 5)

## **Hobbies**

- Bungee, poker, visual arts, internet and informatic, theatre, electronic/soldering.

## **Skills**

- Mastering informatic languages : HTML/XHTML, CSS, JS/AJAX, XML, XSL, XSL-FO, PHP, Python, SQL (DB : MySQL/PostgreSQL/FireBird/SQLite), VoiceXML, Shell Scripting (BASH, DOS).
- Mastering hardwares : HP DL360, DL380, MSA500, MSA1000 / DELL PE2650, PE2850, PC6240 / RAID Implementations / DIGI RPM8, DIGI TS4 MEI
- Protocols : TCP/IP, UDP, ICMP, ARP, NAT, PPP, SSH, SMTP (Qmail, Exim, Postfix), DNS (Bind), SNMP (using cacti and nagios), RS-232
- Power User : Open Office and Microsoft Office, Smart Draw (Gantt Charts, Flow Charts...), Sage Ligne 100.
- Environment : Linux/Unix (Debian, RedHat, CentOS, Ubuntu, FreeBSD, NetBSD), Mac OS (All versions), Windows (98, 2000, XP).
- Good skills in Flash/Director, DreamWeaver, Photoshop, Illustrator, Inkscape, Scketch, Gimp
- knowledge in VB Script, ASP, JSP, Java, Perl, C/C++, Tcl.
- Beyond technical skills, I have the professional experiences of the team work in an european work environment.

## **Languages**

- French : mother tongue
- English : write & speak (good skills)

- German : concepts
- Japanese : in learning

#### More about me...

- My LinkedIn Profile : <http://www.linkedin.com/in/nicolasbrousse>
- Personal blog about shell tips and more : <http://www.shell-tips.com>
- Development with PHP Symfony Framework of the "Sur-Habitat" web site: <http://www.sur-habitat.fr>
- Development of the Masci Community web site: <http://www.masci-community.com>
- System administrator of the french waza network (hundred thousands mails a day) : 1 web server, 1 MySQL Server, 9 Postfix Server, 1 Monitoring Server (cacti), 1 memcached Server, 1 dev server, 1 Backup server and Package Repository server