Jérôme FENAL   **Infrastructure and free/libre software consultant**
4, allée Beauséjour   **Support team manager**
92320 Châtillon sous Bagneux
35 ans, married, 2 children.
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Skills

My main current activities include technical documentation, Unix architecture and administration, and, occasionaly, responding to incoming bids for many kind of customers, either in French (mainly) or in English.

I have used and managed most of the different Unix brands available on the market, either proprietary (Solaris, AIX, Tru64, HP-UX) or free (Red Hat Linux 4 → RHAS3, Mandriva Linux 5.1 → 10.2, Debian, OpenBSD).

I also master the LAMP suite, OpenLDAP, Samba (as NT4 PDC), squid, NetFilter and many more technologies.

I have programmed in C, shell (POSIX as ksh or bash), and Perl. Currently using shell and Perl on a regular basis (many Perl modules on CPAN).

I also have skills in conceiving, implementing and administration of LDAP directories, with OpenLDAP 2.x and Sun Directory Server 5.x.

I used to be a Sybase DBA until 2002.

Work experience

Since February 1996:

LogicaCMG France (was Decylog, Admiral, CMG)

I have been working for nearly ten years at LogicaCMG, evolving from assingment to assignement, the company growing by buying or being bought. Four periods in my experience :

- May 2000 – Current: Consulting and technical expertise, pour all client typology, and any type of infrastructure architecture. This involves pre-sales on my missions or on particular technologies on big leads.
- June 2002 – December 2004: Construction and management of an ASP infrastructure (LogicaCMG's Global Payare offer, based on SAP/HR), drastical cost reduction for investments due to a massive but reasoned use of free and open source software (FOSS, all except SAP, Oracle and the EAI: CFT).
- March 1998 – May 2000: Technical account manager. Managed about 40 consultants working at different customer sites, no resign despite being in a high turnover period.
- February 1996 – March 1998: Consulting. Two succesful missions, one being involved in the emergency reconstruction of the production infrastructure of the bank's front office which disapeared because of the head-office fire.

Consulting and technical expertise (May 2000 – present)

- Technical expertise and consulting missions;
- Presales: bid technical writing, customer presentations.
- Training (technical vocabulary, consulting craft) of the company sales representatives
- Advocacy, conference speaker, interviews, technical writing (Linux Magazine France).

Notable achievements:

- 2005 - Crédit Agricole S.A. / SILCA: reorganisation of the system support team, Unix and LDAP administration, introduced FOSS (ticketing and documentation), documentation writing and FOSS advocacy.
- 2005 - DGGN (*Gendarmerie Nationale* HQ): product, system and architecture consulting during the definition et and the preparation of the implementation public procurement contract regarding the total renewal of central IT infrastruture.
- 2002 – 2004 : see below
- 2004 - Groupe BPI: Implemented a central (replicated) LDAP directory, used as a SSO medium for Windows clients (NT4 domain control with Samba), CheckPoint VPN clients, etc. 100€ saved (licensing) per PC.
- 2002 - *Direction Générale des Impôts* (DGI, french IRS): complete study (installed base, state of the art, analysis, solution proposition: use FOSS) to replace all the infrastructure management software tools. The DGI choose to use FOSS for these needs after this study.
- 2001 - Aventis Pharma:installation of a compute farm (20 Linux nodes) with front-end servers (Linux & Tru64, with HSG80 SAN attachements)
- 2000 - Crédit Lyonnais: complete study (installed base, state of the art, analysis, solution proposition) about storage rationalization and SAN.

Construction & management of an ASP infrastructure (June 2002 – December 2004)

In the Managed Services division at LogicaCMG (SAP/HR based application and solution hosting), construction of the system infrastructure jointly with the network engineer. The platform entered production in december 2002, while the project begun in May 2002. Services offered are: system infrastructure for SAP and Oracle on Solaris and Linux (Red Hat and SuSE), supervision, computing evaluation for systems and networks, CFT payroll transfers to the printer partner, security (all data streams are identified, filtered and separated), organization of the support team (Request Tracker), documentation of the whole infrastructure.

Technical account manager (March 1998 – May 2000)

Operational follow-up of about 40 system, network, database engineers as a "project manager".
- Technical follow-up of the missions, training needs, and skills inventory;
- Cultication of consultants loyalty;
- Yearly appraisals, career management;
- Compensation.

One of the "project manager"tasks was recruitement:
- 1999 : 22 engineers recruited;
- 1998 : 9 engineers recruited in France, 3 in UK for Admiral Systems & Networks UK which was starting activity.

Technical support (Februrary 1996 – March 1998)

- Crédit Lyonnais (bank, 18 months) : Unix system administration, Sybase DBA. Participated in the reconstruction of the temporary production infrastructure after the HQ fire, participated in the definition and tests of the new SAN&cluster-based production infrastructures.
- Fédération Continentale (insurance, 6 months) : Unix system administration, Sybase DBA. Re-engineered the production infrastructure.

Training

2004   French Perl Workshop 2004 : speaker and auditor.
         ENSA@Work 2004 : HP Enterprise Forum. Auditor of storage and Linux conferences.

2001   Compaq "primary storage" ASE certification. Storage and SAN products by Compaq: RA3/4/8000, HSG-80, Fibre Channel protocol, FC-AL, FC-Sw, Brocade/Compaq switches).

2000   Online products (VxFS, VxVM) sales certification.

1999   "Project manager" training (6 days, by Centor-IDEP) : yearly appraisals, team management, conflict management.

1998   Sybase Replication Server 11 administration (5 days, Sybase France).

1997   Digital TruCluster administration (5 days, Global Knowledge).
         Sybase SQL/Server 11 (10 days, Sybase France).

Education

1994   DEA (pre-PhD) Image at the Saint-Etienne university.
         Digital Image Processing, Computer Graphics.

1993   Master of Arts (Art and Image Technology) at the Paris 8 university.

1992   Diplôme d'Université Image Infographie Communication à l'IUT de Reims.

1990   DUT Informatique de Gestion (Bachelor of business dataprocessing) at the Rheims Technology Institute.

Languages

- French : mother language
- English : read, written and spoken (recruitment in UK, English to French technical documentation translation)

Hobbies

- Freelance write for Linux Magazine France. I have written many extension and technical articles, about many FOSS or standards technologies (Nagios, LDAP, OpenLDAP, tips and tricks in Perl) ;
- Free software localisation and documentation translation (Request Tracker, gPhoto, Linux Gazette articles) ;
- Reading (novels, european comics, geopolitics, etc.) ;
- GNU/Linux user since 1994 ;
- Member of the Paris Perl monger.

All the technical details of this résumé are available online (in french) at http://jfenal.free.fr/cv.php