

Jean-Daniel PAUGET

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Network engineer, software engineer and system administrator with long experience in a wide range of systems and networking environments, especially under Unix and over Internet.

Work Experiences :

Detailed descriptions on next page

- 2002** : CTO of CASTUP-France, provider of cutting-edge video and audio streaming services (Paris)
- 2000-01** : C++/ODBC/SQL/Apache Development leader at ENTERGROUP (Tel-Aviv)
- 2000** : Network engineer/designer and system administrator at COMPLETEL (Paris)
- 1993-99** : Network engineer/designer and system administrator at CISM, University Claude Bernard – Lyon I
- 1994-97** : Network engineer and co-founder of “Acces et Solutions Internet”, an Internet access provider over France based in Paris and Lyon.
- 1992-93** : Free-lance developer Win/C++
- 1987-90** : C programmer.

Main skills :

- Debugging expertise : I am regularly asked for digging out complex problems involving numerous inter-related parts and needing a wide knowledge and experience in very different fields of computing.
- Writing reliable code on any platforms. I started writing code in 1987 and never stopped since.
- I am used to learn continuously new protocols and new devices.

Languages :

- French native
- English

Address :

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Availability :

Immediate.

2002 :

Chief Technology Officer at CastUP-France. In charge of designing the whole technical infrastructure : hosting, security, and load balancing, support and customer relationship, back-office... The main products in use were proprietary solutions developed by israeli start-ups such as CastUP Nile, Vtrails...

2000 - 2001:

Co-leader of the software team at ENTERGROUP (Tel-Aviv, Israel). The objective was to fully design a very-large webmail technology running on load-balanced unix-servers. Created a proprietary server-side rendering language, its distributed parser (C/C++, ODBC) and implemented a complete solution mixing tuned open source softwares (PostgreSQL, Apache, CVS, etc...) and Entergroup's core technologies. Wrote remote administration procedures and extensions canvas. This service is up and running with high-availability using this design since June 2001.

February 2000 - August 2000 :

Network Engineer/Designer at COMPLETEL, mainly in charge of the Internet Data Servers and of designing new internal or customers data-services. Also consultant for **INEO** (ISP for the **OREKA** free internet access) in charge of designing their network.

1993 - June 1999 :

Network Engineer/Designer at CISM (Centre d'Informatique Scientifique et Medicale), University Claude Bernard LYON I, a center of excellence in administration and development of massive and heterogeneous networks. Its purpose is to coordinate about 11000 hosts spread over 80 buildings, to anticipate an exponential traffic growth (about 150 new machines per month) and to promote the use of Internet as a major scientific media.

Responsibilities :

- network physical design, mainly using a wide private optic-fiber grid but also point to point radio connections or leased lines, with traffic, security and reliability considerations.
- network management: IP and fqdn address allocation or migration, conflicts resolution using network analyzers, SNMP, home made PERL scripts.
- network services maintaining, with a willing of high reliability.
- teaching and promoting network usage and improvements to scientific and technical staff of the University.

For those purposes, I have a good practice of IP Networking over CISCO materials, LAN switching with Bay-Network layer-3 switches and most of the market's switches. I have also a good practice of most common Unix implementations : OSF, Solaris, HPUX, IRIX, Linux, NetBSD, AIX... I have experienced a lot of network service migrations or updates in a very heterogeneous environment.

1994 - 1997 :

Network engineer and co-founder of "Acces et Solutions Internet", an Internet access provider over France based in Lyons and Paris.

Responsibilities :

- Complete design of the network aiming at high reliability, low cost and as much versatile as possible routing node, supporting all kind of WAN connections, leased lines, ISDN, HF-beams, etc...
- Customer technical case studies, achieving a perfect coordination with the customer technical staff.
- Internal network survey and developments concerning new protocols, materials or Internet services.
- Coordinating the hotline support.

Those activities allowed me to increase my knowledge of WAN IP networking over most vendors' router : CISCO, ACC, Ascend, Motorola... They also allowed me to consider Internet's problems and tendencies as a whole, dealing with many institutions that are responsible for its technical or legal administration.

previous jobs / miscellaneous:

- 1992-1993 : Free-lance developer Win/C++, mainly a program for helping the quotation of estimated work for telephone/network wiring
- 1987-1990 : C software writer for Carraz Editions in Lyon. Wrote a dozen programs, widely portable so that they would run on any of these machines : PC, Atari, Amiga, Amstrad CPC, Thomson...
- Since September 1998, I'm writing and supporting a "near real-time" sound application for Linux