Thierry FOURNIER
412, Rue Louis BLERIOT
78530 BUC

Phone number : +336 86 41 36 11
E-mail : tfournier@arpalert.org
Web Site : http ://cv.arpalert.org

Born : July, 11 1979
French Nationality

security system and network engineer

Work experiences *(sorted by categories)*

Architecture / Projects management

2013 - Studnet	Architecture and technical design of high availability hosting structure for the web site "www.thestudnet.com".
2011 - Europ-Assistance	Architecture, design and management of high availability hosting platform for all web-site and all web-services of Europ-Assistance.
2005 - Prosernat	Architecture, design, management and exploitation of the Prosernat SI. Management of the complete replacement of the user's computers.

Architecture and software development

2012 - Exosec	design of a Nagios plugin that can do SNMP polling for many indicators with a minimal CPU consummation.
2010 - Société générale	Design of a web SSO and security gateway in C language.
2009 - Société générale	Design of a secured file sharing software.
2008 - Société générale	Design of a metrology system able to analysis all day about 40GB log files and produce about 6000 various graphics in less than 2 hours.
2007 - Exosec/Exceliance	Design of a web C framework for the management interface (wui) of the appliances.

Audit / Performances / Benchmark

2012 - Société générale	Banking website benchmarking following major migration.
2011 - Cassidian	90 000 hosts Nagios platform benchmarking.
2009 - Quiksilver	Performances audit of the Quiksilver website to determine if it is able to resist to the expected load.

Components integration

2009 - AirSavings	HAProxy and Keepalived integration in front of web services server.
2009 - Maison de la litterie	HAProxy and Keepalived in front of the e-commerce site.
2008 - Cholet-Dupont	Sourcefire IDS installation.
2007 - Société générale	Firewal cluster migration from Checkpoint to Fortinet on the hosting network. Components test, configuration and migration management.
2006 - Société générale	Sourcefire IDS installation on the hosting network. Product choice, positioning study, configuration and deployment management.

Miscellaneous

2013 - Orange	Load-balancer installation support.
2012 - Université de Metz	Teach about high availability.
2012 - Systéma networks	Customer relationship management.
2010 - Société générale	PRO*C batch debugging.
2010 - Chèque-Déjeuner	Load-balancer installation support.
2009 - Primagaz	Load-balancer installation support.
2007 - Société générale	Management of development platform.
2006 - Société générale	Study and tests about mail relay.
2005 - CG60	Write LDAP management web interface.

Work experiences *Company*

Depuis 2013 : EXCELIANCE / HAPROXY *(Split of Exosec and Exceliance)*
Design and maintenance of the Aloha appliance.
Aloha pre-sales appointment.

2005 - 2013 : Groupe EXOSEC
Technical services in various skills : network designer, component integration, software designer, development, benchmarking, network troubleshooting, appliances design, specifications writing.

2002 - 2005 : Société PROSERNAT
Design and installation of the SI (10 servers, 100 user's computers). Sizing, choice, buy management and installation of the new system.

Design and writing of intranet with many functions : ADd user to the SI, shared calendars, activity report centralisation, reppor generation and data aggregation for the accounting and company directory.

Professional skills / Special skills

OS :	Linux (RHEL, Debian, ...), Unix (solaris 5 .. 10), AIX (basic), bsd
Components :	Cisco switchs and routers, alteon load balancer (AD3, AAS), Fortinet firewall, Dell switchs.
Languages :	C, C++, shell (bash), perl, pascal, php, java (basic), SQL.
Known softwares :	MySQL, PostGreSQL, Apache, Php, Sendmail, Postfix, Squid/Squidguard, NetFilter, Bind, DHCP, openSSH, Samba 3, OpenLDAP, Haproxy, Keepalived, LVS, Netfilter (iptables).
Methods :	Merise, Firewall, Web filtering, Microsoft integration with Samba 3, Security management, encrypt communications (web, tunnels, ...), email communication system (POP, IMAP, SMTP, filtering, antispam, etc..) TCP/IP network, High availability design. Benchmarking.
HTTP :	Understanding and analysis of the protocol. Reverse proxy that can patch the protocol. Troubleshooting (tcpdump, wireshark). Content switching. Load balancing and high availability.
HA & LB :	HA/LB firewalls clusters, HA/LB Hosting infrastructure (Alteon, HAProxy, Keepalived, LVS).
Network	Network design and troubleshooting with protocol analyzer. (tcpdump, snoop)
Security :	Risk analysis. Firewalls (Fortinet,Netfilter), IDS (juniper, ISS, SourceFire)
Software dev. :	Design, development, developers management, specification writing.
Miscellaneous :	System administrator.

General education

2001/2002	**Diplôme Universitaire (Niveau 2)** *Responsable projets réseaux et Administration Système* **CREUFOP Perpignan**
1999 / 2001	**BTS - option gestion** *Electronique* **Lycée Sainte Louise de Marrillac - perpignan**
1997 / 1999	**BAC - mention bien** *Electronique* **Lycée Sainte Louise de Marrillac - perpignan**
1995 / 1997	**BEP** *Electronique* **Lycée Sainte Louise de Marrillac - perpignan**

Languages

Anglais	moderate
Espagnol	fluent
Catalan	fluent

Miscellaneous

Opensource software development :
– ARPAlert - http ://www.arpalert.org
  local network security.
– GetSNMP - http ://www.getsnmp.1s.fr