

Mathieu Debieuvre

+61 405 710 692 / mathieu@debieuvre.com

PROFILE

I am a skilled and motivated Systems and Network engineer based in Sydney. I am a very hard worker (I financed my studies while working at the same time), able to adapt to any environment and technology. Thanks to my communication abilities, I always integrate myself easily in teams and rapidly become a key person to rely on.

TECHNICAL SKILLS SUMMARY

Operating systems (both Windows and *NIX administrator) :

Microsoft Windows, Mac OS X, Linux (Debian, Ubuntu, OpenSuse and CentOS), FreeBSD, Solaris and NetBSD

Networks :

- TCP/IP protocols : HTTP, FTP, SSH, SCP, VNC, RDP, SMTP, DHCP, DNS, etc...
- Tunneling and secured networks : IPSec, PPTP, L2TP, OpenVPN and MPLS
- Routing and switching : Cisco, 3Com, Netgear, Dell
- Firewalls : Cisco ASA/PIX, Juniper, IPCop and PFSense
- Load Balancing : LVS, Cisco, F5
- Proxys : ISA Server and Squid

Software and technologies :

- Microsoft environments : Active Directory, Exchange, IIS, ISA Server, Terminal Server and Office suite. CA ARCServe Backup. Norton Antivirus, CA eTrust and Kaspersky. VMWare, Virtual Server and VirtualBox, etc...
- Linux/Unix environments : BASH scripting, OpenSSH, LVS, Bind, tinyDNS, syslog-NG, Lighttpd, Apache, MySQL, PureFTPD, Nagios, Cacti, Postfix, Dovecot, Dspam, Zimbra, OpenLDAP, FreeRADIUS, OpenVPN, Samba, ffmpeg, etc...
- Web-based Applications : OCS Inventory NG, GLPI, eGroupWare, Gosa, etc...

WORK EXPERIENCE

Network Engineer at Net Ventures

Jan 10 – now

Net Ventures provides video front-end and back-end solutions to manage video content (15 people based in Sydney).

My expertise in the video field combined with my technical skills makes me a key interlocutor in current and future projects of the company.

- Managing a high-demand web architecture for Telstra (bigpondvideo.com)
- Building a flexible testing environment based on Virtual Machines and Snapshots (OpenSolaris, VirtualBox, ZFS File systems)
- Cleaning the "legacy" of the internal system infrastructure: spreading server roles, systems and configurations tuning (FreeBSD), backup optimization, email outsourcing migration, total redesign of the core network (Cisco components)
- Consulting with the team of developers about the latest "hype" technologies and services such as CDN, Cloud Computing, Virtualisation, and caching technologies (Memcache)
- Troubleshooting and optimisation of a video advertising platform for iPhone

Systems and Network Engineer at Kewego

Sept 07 – Jul 09

Kewego is the European leader in online video hosting (startup with 40 employees in France, 10 splits in the subsidiaries in 5 countries).

I was a key team player during Kewego's infrastructure growth and performance issues.

- Installing and managing complex high-demand web architecture with more than 150 servers spread over headquarters and 2 datacenters, mostly running on FreeBSD, but also some on Ubuntu Linux and NetBSD (using LVS, Lighttpd, MySQL, NFS, Memcache, Sharedance, Sphinx, PureFTPd, Squid, etc...)
- Troubleshooting systems and network issues on the production platform, but also on development/testing platforms (Cacti and Nagios)
- SAN experience with Infortrend and Promise products (FibreChannel and SAS connectivity)
- Facilitating the developments integration on the production infrastructure
- Monitoring the stability and performance of the websites (300 video platforms)
- Writing bash scripts tools to accelerate maintenance operations
- Installing and managing Adobe Flash Media servers on Ubuntu
- Working on a shifted coverage schedule
- Deploying a HD videoconferencing system in 5 countries
- IT management of 60 users spread over headquarters (Paris) and subsidiaries (Grenoble, London, Oslo, Munich, Madrid)
- Installing a LDAP based SAMBA Domain (PDC and BDC)
- Managing and troubleshooting a Postfix/openLDAP/Dovecot/dpsam email server
- Negotiating and liaising with hardware vendors for company's IT and Production Infrastructure

IT Support then IT Project Leader at Almirall

Sept 06 – Sept 07

Working for ICT firm Help-Line on behalf of the subsidiary company of Almirall, a Spanish pharmaceuticals company (300 employees in France, 3300 worldwide).

I basically redesigned all of Almirall France's IT infrastructure...

- Managing a complete migration plan to move from a badly designed Windows/Exchange 2000 architecture to a "state-of-the-art" Windows/Exchange 2003 architecture : Technical references, Tasks scheduling and Documentation (only 60 computers and 11 servers, but 300 accounts spread over 2 geographic sites). 6 months of preparation were necessary for this "one week action" project.
- Writing computer system exploitation documentation and procedures for the new architecture
- Ensuring the stability of a complex multisided and multi-domain totally unstable Active Directory/Exchange 2000 architecture (before the migration)
- Monitoring and reporting tools implementation (Nagios, GLPI, OCS Inventory)
- Ensuring workstations maintenance in the main site (only 30 computers)
- Auditing the safety of the information system, upgrading the security policy
- Working in an international environment with weekly reporting to Spanish Headquarters

Part-time Journalist for IT websites

Oct 05 – Jun 07

*Writing for popular French websites such as Generation-NT and Tous Les Réseaux.
I added my thorough and expert advice to the most technical content.*

- Writing technical articles about computer sciences and new technologies
- Writing “How-to” for improving or personalising Windows (through registry modifications, tools...)
- Writing installation and configuration tutorials for Linux applications (IPCop, Nagios)
- Attending press conferences and providing articles afterwards

IT Support then IT Manager at API Provence

Sept 04 – Sept 06

API Provence is a non-profit association in the social real-estate field (100 employees, 14 sites spread over two French departments).

I proved to the board it is possible to develop a modern IT infrastructure adapted to their needs with a small investment.

- Designing a centralised architecture using VPN technologies and RDP protocol
- Nagios implementation in order to monitor VPN links and system services
- Managing the computer park (100 computers and 5 servers)
- User familiarisation policy
- Negotiation and liaising with hardware vendors for company's IT

EDUCATION

Specialized Masters Degree in Network at Telecom ParisTech

Oct 07 – May 09

Télécom ParisTech, formerly called ENST for Ecole Nationale Supérieure des Télécommunications is the best French telecom school.

I was accepted into this degree even though I had not completed the pre entry requisite of 5 years study (I completed only 3), and graduated ranked 5th in a class of 32 students.

Bachelor Degree in Network and IT Security at University of Paris XI

Sept 06 – Sept 07

Based in the south Paris suburbs at Orsay, University of Paris XI is highly reputed for its science labs and even has a small LHC.

I graduated ranked first in a class of 25 students.

Advanced Diploma in IT at the University of Nice Sophia-Antipolis

Sept 04 – Sept 06

Baccalaureat STI at Lycée Les Eucalyptus

Sept 02 – Jul 04

EXTRACURRICULAR INTERESTS

Languages : French (mother tongue), English (fluent with a working knowledge of IT vocabulary) and Spanish (basic understanding).

Hobbies : New technology, film, bowling, spending time with friends, racing sports. Former race commissar in the fireman department for the Monaco Formula 1 GP.

Sports : Swimming, surfing, mountain biking, boxing, alpine skiing, and go-kart racing. Also extreme sports like hydro speed, canyoning, rafting and rock climbing.

Travels : United States, Turkey, Egypt, Spain, Senegal, Brazil, England, Tunisia, French Guyana and Italy.