

Erwan Gallen
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Living in Rennes, France.
Born 1974

CLOUD COMPUTING ARCHITECT



Executive manager responsible for the management of a web development team and designing of the related Linux infrastructure. The project included the development of web services, ecommerce and the successful launch of the copainsdavant.com website serving 14 millions users. In 2012, I launched a consultancy specializing in cloud computing architectures.

PROFESSIONAL EXPERIENCE

CTO, ZinuX, Rennes

(4/2012 - Present)

OpenStack consulting.
Design Cloud Computing architecture.
Amazon Web Services architecture : EC2, VPC, S3, Auto Scaling.
Python, libvirt, KVM, Git, Puppet.
MySQL, MongoDB, HAProxy, Varnish.


Partnership : SwiftStack, Zadara Storage, Amazon Web Services, RightScale.


CTO, CCM Benchmark, Rennes

(12/2001 - 3/2012)

Head of Software Development, Head of Group Infrastructure.

From beginning to end, designing and building an architecture of 300 real servers for scalable web services (web audience of 19 millions unique visitors 1/2012) :

 <http://www.linternaute.com>

 <http://copainsdavant.com>

 <http://www.journaldunet.com>

 <http://commentcamarche.net>

Responsible for a team of 51 people :

- 6 - Technical project manager
- 24 - Web developers (PHP, Perl, SVN, PostgreSQL, MySQL)
- 2 - UX developer (jQuery, Comet)
- 4 - Mobile developer (iPhone, Android)
- 4 - System and network administrator (Debian, Cisco, Varnish)
- 7 - Help Desk (ticketing, monitoring, bug tracking)
- 4 - Community manager

PHP development, code review for core objects.

Telecom management, datacenter management (Equinix, Telecity, Level3), purchasing servers.
Deployment of the security, PKI : OpenLdap + X509, USB token.
Disaster Recovery Plan : Netapp replication, BGP, database replication in 2 datacenters.
Build a distributed cluster for media storage developed with NFS and PHP (100 To, 60 000 new pictures uploaded each day).
System and Network administration of all the infrastructure (3rd level support).

Software Project manager, Benchmark Group, Rennes

(9/2000 - 12/2001)

Project manager and developer of the first version of copainsdavant.com launched in 2001 (now 14 millions of users).
Development of web services (PHP/PostgreSQL) : Cuisine, Journal du Net Emploicenter, L'Internaute Photos.
Managing developers.

Web Developer, Naonet, Nantes

(3/1999 – 7/2000)

Web Groupware development (Java Servlet).
Networking audits.
Administration : ISP, web server, mailing platform.

SKILLS

Software

PHP, Zend Framework, Python, Django, Perl, C, Java.
JavaScript, jQuery, HTML, XML, XSL.
UML, Merise, Eclipse, SVN, Git, Mercurial.

System

Linux administration (Debian, Ubuntu Server, Redhat).
Solaris and Windows Server administration.
Deployed with heavy load : Apache, Lighttpd, Flash media server, Icecast, Red5.
Postfix, Sendmail, Qmail, OpenLDAP, Bind, NIS, NFS, Samba, SSH,
Netapp administration (data OnTap).
KVM, Xen, libvirt.
Cloud computing : OpenStack, Amazon Web Services (EC2, S3, VPC, Auto Scaling).
Configuration management : Puppet, Chef.
Monitoring : Nagios, Cacti, RRDtool , MRTG, Cricket.
Database : MySQL (tuning, replication), PostgreSQL (tuning, replication), Oracle, SQL Server.
Memcached, Redis, MongoDB.
Google Apps for Business mail administration.

Network

LVS HA, Varnish, HAProxy.
Cisco routers (BGP), VPN IPsec, OpenVPN, fiber deployment.
Iptables Firewalling, PKI Aladdin.
VoIP Alcatel.

Project management

Agile practice : Scrum.
Plan and budget.

Design

Photoshop, Illustrator, Inkscape, The Gimp, 3D Studio.

LANGUAGES

French : native speaker
English : fluent (6 travels in the US and 1 in Australia).

EDUCATION

1999 **Master of Science in Software Engineering (DESS)**, Université d'Evry (91).
1998 Master degree (Maîtrise computer science) - Network speciality, University of Sciences Brest.
1994 **High school diploma Scientific (Baccalauréat C)**, Lycée St Sauveur Redon (35).

Professional Trainings: 2006 -Team Management (Docendi), 2007-Cisco BGP (Allians)
2011-PHP Zend Framework (Alterway).