Raphaël Pinson

Open-Source Technologist

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Driving License

Freely you have received, freely give
Matthew 10:8

Skills

Expert Skills

Debian and Ubuntu Systems	Debian/Ubuntu Packages, Creation and Administration of Package Repositories, Build Farms (Debian buildd/sbuild/pbuilder), Automated Installations (Debian FAI)
Configuration Management	Puppet[†], MCollective[†], Augeas[*]

Development

Languages	C, Perl, Python, Shell/Bash, Ruby, GNU Make, Ada, Lua	Web	HTML/XHTML, CSS, JavaScript, Ajax, Jquery, PHP, Semantic Web
Frameworks	Django, Google AppEngine, Google Wave, Netvibes	Databases	MySQL, PostgreSQL, NoSQL (GQL), SPARQL
Formats	XML/XPath, SGML, YAML/JSON, RDF/RSS/FOAF	Methods	Object Oriented Programming, MVC, Unit Tests, UML
Source Management	RCS/CVS, SVN, Bazaar, Git, Mercurial	Tools	Autotools, Cmake, Doxygen, NaturalDocs, Trac, Gforge, Launchpad, GitHub

Systems and Networks Administration

Web	Apache, Lighttpd, Nginx, Varnish, Bind, Squid, Dansguardian, VsFTPd	Monitoring	BB4/Hobbit, Nagios, Munin, Cacti, Simple Event Correlator (Sec)
Mail	Postfix, Exim, SSMTP	Backup	Amanda, BackupManager
Installation and Deployment	FAI, Kickstart, Reprepro, Cfengine, Puppet[†], MCollective[†], Augeas[*]	Networks	DHCPd, VLANs, OpenVPN, Keepalived
Operating Systems	GNU/Linux (Debian[†], Ubuntu[*], RedHat), MacOS X, Windows, *BSD	Databases	MySQL, PostgreSQL, SQLite, BerkeleyDB
Virtualization	Xen, VMWare, OpenVZ, LXC, NX	Security	SSL, PGP/GnuPG, OpenSSH

Office and tools

Office	OpenOffice/LibreOffice, Microsoft Office, Gimp, Inkscape	Project Management	TaskJuggler, GanttProject
Productivity	Mind Maps, GTD	Wikis	MediaWiki, Trac, MoinMoin
Edition	TeX, LaTeX, XƎTeX, LuaTeX	Touch Typing	QWERTY & AZERTY

[*]Developer
[†]Contributor

Experience

IT Experience

2012 **Devop**, *Chambéry*, Camptocamp.
Infrastructure Developer
– Infrastructure Automation with Puppet;
– Setting up cloud-based redundant solutions;
– Speaking at devop conferences;
– Technical presales consulting.

2006 **Systems Engineer**, *ORNESS then Alten*, Sophia Antipolis.
2012 Consultant at France Télécom
– Administration of Cfengine, FAI and the software package repository;
– Renewal and industrialization of the software deployment system for Debian/Ubuntu;
– Management of the Gforge (collaborative development web interface) platform;
– Development of QA tools for systems and configurations policy compliance;
– Integration of the continuous integration platform (Hudson) with the Debian/Ubuntu software deployment system;
– Monitoring of the fleet of servers;
– Writing of technical documentation.

2008 **Developer**, *Augeas*, Internet.
Development, bugfix and documentation
– Writing of Augeas lenses;
– Coding in C;
– Improvement of autotools configuration;
– NaturalDocs Integration (documentation generator);
– International Conference Speaker (Belgium (FOSDEM)).

2005 **Developer/Maintainer**, *Ubuntu*, Internet.
Development, bugfix and documentation
– Creation, maintainance and review of software packages;
– Writing of technical documentation for developers;
– Maintainance of the QA system for software package;
– Bug management;
– International Conference Speaker (Hungary, Germany (LinuxTag)).

2005 **Open-Source Contributor**, *Various projects*, Internet.
– Flammard Bible Bot: Google Wave Bot, a personal project written in Python/AppEngine;
– Ichthux: Creation and maintainance of a specialized Linux distribution based on Ubuntu;
– Byobu: contribution of scripts and patches in Python and Bash;
– CPAN Author: maintainer of several Perl modules on CPAN;
– CTAN Author: maintainer of several LaTeX packages on CTAN;

Other Experience

2009 **Translator and Editor**, *La Colombe Calvary*, Nice.
– Translation of English theology books into French;
– Edition of books using LaTeX, XƎTEX and LuaTEX;
– Publishing of books using on-demand publishing services (CreateSpace and Lulu).

July 2004 **Blue Collar Internship**, *SNECMA*, Moissy-Cramayel.
Assembled and equilibrated turbo reactors for planes

Summer 2002 **Fire Safety Officer**, *Euroguard*, Marcoussis.
Supervised an Alcatel research site

Summer 2001 **Surveillance Agent**, *Penauille Polysécurité*, Paris.
Supervised the headquarters of the French Red Cross

1999–2000 **Paramedic**, *French Red Cross*, Paris Suburbs.
Served in several volunteer missions as a paramedic

Education

2013 · **Puppet Trainer**, *PuppetLabs*, Amsterdam.
Official Training Partner for PuppetLabs' courses (Puppet Fundamentals, Puppet Advanced, Extending Puppet with Ruby)

2009 · **ITIL v3 Certification**, *ITIL® v3 Foundation*, Sophia Antipolis.
Organization and efficiency of the Information System

2005 · **Student in Business Creation and Management**, *Créafort*, Poitiers.
Accounting, Management, Marketing, Law

2005 · **Student in Pedagogy ('Gestion Mentale')**, *IFGM*, Bordeaux.
Pedagogy, Didacticism, Cognitive Psychology

2003–2005 · **Student in Mechanical Engineering**,
École Nationale Supérieure de Mécanique et d'Aérotechnique (ENSMA), Poitiers.
Solid & Fluid Mechanics, Mathematics, Combusion & Propulsion, Materials Science, Automation, Signal Processing, Computer Sciences, Management

2004 · **Licence, equivalent of a British Bsc, in Mechanics**, *Université de Poitiers*, Poitiers.
Solid & Fluid Mechanics, Mathematics, Combusion & Propulsion, Materials Science, Automation, Signal Processing, Computer Sciences, Management

2002–2003 · **Student in Chemistry**, *Université de Paris XI*, Orsay.
Chemistry, Physics, Mathematics

2000-2002 · **Student in Medicine (PCEM1)**, *Université de Paris XI*, Orsay.
Biology, Chemistry, Biochemistry, Physics, Anatomy, Histology, Physiology, Law

2000 · **Baccalauréat, equivalent of British A Level**, *Lycée Blaise Pascal*, Orsay, with distinction 'mention bien'.

Certifications

2013 · **Puppet Professional**, *PuppetLabs*.
Puppet IT automation software

2009 · **ITIL v3**, *ITIL® v3 Foundation*.
Organization and efficiency of the Information System

Foreign Languages

French	**Native**	*Mother Tongue*
English	**Fluent**	*Daily practice, conferences given in English*
Spanish	**Good Level**	*Occasional practice*
German	**Good Level**	*Studied 9 years in school*
Russian	**Intermediary Level**	*Studied 3 years in school*
Dutch	**Beginner**	*Studied alone*
Swedish	**Beginner**	*Studied alone*

Personal interests

Music	Clarinet, piano, organ, saxophone
Sports	Hiking, sailing, golf, climbing
Contributions	Wikipedia, OpenStreetMap
Memberships	President of the cultural association 'la Colombe Calvary' in Nice
	Ubuntu member
	TeX Users Group (TUG) institutional member, representing the StackExchange community
Others	Travels, reading