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	CFengine, Puppet†, 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†, 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, X∃TeX, 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.

2006
2012

Systems Engineer, *ORNESS then Alten*, Sophia Antipolis.
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, X$_{\overline{E}}$TeX 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