

Raphaël Pinson

Open-Source Technologist

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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 build/sbuild/pbuilder), Automated Installations (Debian FAI)
Configuration Management	CFEngine, Puppet, Augeas

Development

Languages	C/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, 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, XeTeX, LuaTeX	Touch Typing	QWERTY & AZERTY

Experience

IT Experience

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, maintenance and review of software packages;
- Writing of technical documentation for developers;
- Maintenance 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 maintenance 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 , \XeTeX 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

2009	ITIL v3 Certification , <i>ITIL® v3 Foundation</i> , Sophia Antipolis. Organization and efficiency of the Information System
2005	Student in Business Creation and Management , <i>Créafort</i> , Poitiers. Accounting, Management, Marketing, Law
2005	Student in Pedagogy ('Gestion Mentale') , <i>IFGM</i> , Bordeaux. Pedagogy, Didacticism, Cognitive Psychology
2003–2005	Student in Mechanical Engineering , <i>École Nationale Supérieure de Mécanique et d'Aérotechnique (ENSMA)</i> , Poitiers. Solid & Fluid Mechanics, Mathematics, Combustion & Propulsion, Materials Science, Automation, Signal Processing, Computer Sciences, Management
2004	Licence, equivalent of a British Bsc, in Mechanics , <i>Université de Poitiers</i> , Poitiers. Solid & Fluid Mechanics, Mathematics, Combustion & Propulsion, Materials Science, Automation, Signal Processing, Computer Sciences, Management
2002–2003	Student in Chemistry , <i>Université de Paris XI</i> , Orsay. Chemistry, Physics, Mathematics
2000–2002	Student in Medicine (PCEM1) , <i>Université de Paris XI</i> , Orsay. Biology, Chemistry, Biochemistry, Physics, Anatomy, Histology, Physiology, Law
2000	Baccalauréat, equivalent of British A Level , <i>Lycée Blaise Pascal</i> , Orsay, with distinction 'mention bien.'

Foreign Languages

French	Native	<i>Monther Tongue</i>
English	Fluent	<i>Daily practice, conferences given in English</i>
Spanish	Good Level	<i>Occasional practice</i>
German	Good Level	<i>Studied 9 years in school</i>
Russian	Intermediary Level	<i>Studied 3 years in school</i>
Dutch	Beginner	<i>Studied alone</i>
Swedish	Beginner	<i>Studied alone</i>

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 <i>T_EX Users Group</i> (TUG) institutional member, representing the StackExchange community
Others	Travels, reading