Raphaël Pinson

Open-Source Technologist

2, rue Favre
73000 Chambéry
📶 *+33 (0) 673 524 413*
☎ *+33 (0) 456 753 683*
✉ *rpinson@gmail.com*
in *www.linkedin.com/in/raphink*
⌗ *www.github.com/raphink*
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, X∃TeX, LuaTeX	Touch Typing	QWERTY & AZERTY

[*]Developer
[†]Contributor

Experience

IT Experience

2012 **Instrastructure Developer & Trainer**, *Camptocamp*, Chambéry.

Infrastructure Developer
- Infrastructure Automation with Puppet;
- Setting up cloud-based redundant solutions;
- Speaking at devop conferences;
- Technical trainings (Puppet, Augeas);
- Technical presales consulting.

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, XꟻTEX 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

1999–2000 **Certified First Responder**, *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 Foundation**, *EXIN*, 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 Certified Developer**, *PuppetLabs*, PCD0000011.
Puppet IT automation software

2013 **Puppet Certified Professional**, *PuppetLabs*, PCP0000116.
Puppet IT automation software

2009 **ITIL® v3 Foundation Examination**, *EXIN*055512.
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*

Personal interests

Music	Clarinet, piano, organ, saxophone
Sports	Hiking, sailing, golf, climbing
Contributions	Wikipedia, OpenStreetMap
Memberships	President of the cultural association 'la Colombe de Savoie'
	Ubuntu member
Others	Travels, reading