

Raphaël Pinson

Open-Source Technologist

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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, 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

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|--------------|--|--------------------|---------------------------|
| Office | OpenOffice/LibreOffice, Microsoft Office, Gimp, Inkscape | Project Management | TaskJuggler, GanttProject |
| Productivity | Mind Maps, GTD | Wikis | MediaWiki, Trac, MoinMoin |
| Edition | T _E X, L ^A T _E X, X _Y L _A T _E X, LuaT _E X | 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, 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 , $X\LaTeX$ and $\Lua\TeX$;
- 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

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|-----------|---|
| 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>Mother 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 |