# Thibault Jouan

Full-stack software engineer

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↓ tj@im.a13.fr

↑ https://rubygems.org/profiles/tjouan

♠ https://github.com/tjouan

Driving license

#### Skills

### Development

Languages Ruby, C, shell, Perl, ECMAScript, www HTML/XHTML, CSS, SVG, Haml,

CoffeeScript, PHP Sass, Haml Coffee, Handlebars, Em-

blem.js, jQuery

Frameworks Ruby on Rails  $\geq 3.x^*$ , Sinatra, Back- Databases PostgreSQL, MySQL, Redis

bone.js, Spine.js, D3.js, Symfony 1.x

BDD Cucumber, Aruba, Capybara, Sele- TDD RSpec, Ruby Test::Unit, MiniTest,

PHPUnit

GUI Xlib, GTK, QT, SDL, OpenGL

**Tools** 

Text Vim, sed, grep, AWK... Revision control git, CVS, mercurial

DevOps producer<sup>†</sup>, chef www Grunt, zassets<sup>†</sup>

Admin

OS GNU/Linux, FreeBSD, NetBSD, www Nginx, lighttpd, Varnish, HAProxy,

OpenBSD, Solaris Apache HTTP Server

DNS BIND, MaraDNS, Unbound mail Exim, Dovecot, Sympa, Courier,

procmail, getmail, fetchmail...

Directory OpenLDAP, NIS XMPP Jabberd, ejabberd

Supervision Nagios, MRTG, RRDtool, Munin... Security pf, ipf, ipfw, ip6?tables, Openswan,

OpenVPN, isakmpd, racoon

Storage ZFS, NFS, Samba Misc INN, various irc daemons

## Personal projects

producer https://github.com/tjouan/producer-core

Software provisioning and configuration management tool, including a DSL to write recipes. Ruby net-ssh and net-sftp are used for the execution of remote shell commands and manipula-

tion on remote file systems.

producer started as a collection of heterogeneous scripts (Ruby, POSIX shell) in the late '90s. I wanted to experiment with the design and usage of Domain Specific Languages in Ruby, and

refactor all my "recipes" in a common language.

zassets https://github.com/tjouan/zassets

z'assets is a standalone "asset pipeline", based on sprockets (used by Ruby on Rails). It supports

a few common asset kinds, more specific ones are supported by plugins.

holo https://github.com/tjouan/holo

My own X11 window manager, written in C and Ruby (work in progress).

## Learning

Languages Elixir, Erlang, Haskell, R, Languages Elixir, El

	Work experience	
	<ul> <li>Chief technology officer, <i>DATACUBE</i>, Caen.</li> <li>Project management</li> <li>Software development (Ruby, Ruby on Rails, R, PostgreSQL, HTML/CSS, ECMAScript, CoffeeScript)</li> <li>System administration (FreeBSD, Debian)</li> </ul>	
2009 2014	<ul> <li>Freelance, Caen.</li> <li>Project management</li> <li>Software development (C, FPHP/MySQL)</li> <li>System administration (Free Consulting, training</li> </ul>	uby, Ruby on Rails, PostgreSQL, HTML/CSS, ECMAScript, CoffeeScript, eBSD, Debian)
2007 2009	<ul><li>Project manager, <i>Cyber'L</i>, C</li><li>Project management</li><li>Software development (Rubo</li><li>System administration (Free</li></ul>	y, HTML/CSS, ECMAScript, PHP/MySQL)
2005 2007	Developer, system administ      Software development (Per     System administration (Del     Network administration	, HTML/CSS, ECMAScript, PHP/MySQL)
2004	Freelance, Rouen.  • Software development (PAAS solution with Ruby, Debian, FreeBSD)	
2002	<ul><li>Developer, system administ</li><li>Software development (Per</li><li>System administration (Del</li></ul>	, HTML/CSS, ECMAScript, PHP/MySQL)
1999 2001	Newspaper delivery, <i>La Dép</i> <ul> <li>Deliveries</li> <li>Delivery planing and verific</li> </ul>	
1997	<ul><li>Internship, <i>La boutique info</i></li><li>Computer assembly (deskto</li><li>Hardware and software main</li></ul>	ps and servers)
	Volunteer experience	
2011	Barman, Festival Beauregar	d (music festival), Beauregard.
2011	Runner, Nördik Impakt (music festival), Caen.	
2010	Barman, Nördik Impakt (m	usic festival), Caen.
	Languages	
French	Native	
English	Intermediate	Read and understand perfectly but lack speaking practice

English Intermediate

Read and understand perfectly, but lack speaking practice