

# Paul Bonaud

SOFTWARE ENGINEER

Enthusiast about web technologies, automation and coding challenges

## Contact Me

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 paulrbr  paulrb\_r  thoughts

## Computer Skills

Programming  
Ruby, JavaScript, Bash, Python, Java, C, C++, CaML

Software Eng.  
TDD/BDD, Continuous Integration, Acceptance testing, Design large OO systems, PostgreSQL, MySQL

Web  
Ruby on Rails, Sinatra, BackboneJS, YUI, Django, J2EE

Ops  
Unix, OSX  
Git, Travis-ci/Gitlab-ci, Jenkins  
Nginx, Routing, Iptables  
Ansible, Puppet, Chef  
Docker

## Communication

French  
Native speaker

English  
Fluent

Portuguese  
Intermediate

## Hobbies

Cultural trips  
NYC, Canada, Europe, Morocco, Taiwan, Brazil

Sports  
Indoors and outdoors rock climbing, hiking, running, cycling, snowboarding and skiing

Music  
4 yrs of drums, 6 yrs of violin, 2 yrs of guitar

## Education

	2011 – 2012
<b>Imperial College, London, United Kingdom</b> <i>Master of Science in Computing spec. Distributed Systems</i> Advanced Topics in Software Engineering, Advanced Databases, Distributed Systems, Graphics. <i>Master thesis: Accelerometer based Exercise Aid mobile application.</i>	
<b>INP - ENSEEIHT, Toulouse, France</b> <i>French Engineering Diploma in Computer Science and Applied Mathematics</i> Operating Systems, Concurrent computing, Middleware, Internet Applications Development, Network Architecture, VHDL, Real Time Systems	2009 – 2012
<b>Lycée Claude Fauriel, Saint Etienne, France</b> <i>Preparatory classes (MPSI-MP)</i> Mathematics, Physics and computer science	2006 – 2009

## Work Experience

	Current, since Jan. 2015
<b>Capitaine Train, Paris, France</b> <i>Automation/Production Engineer • Current</i> Working with the infrastructure team to automate and deploy the whole platform with Ansible and Puppet. Experience with mixed inventories bare metals and AWS stack. Production team lead.  <i>Back-end Software Engineer • Jan. 2015 - July 2016</i> Building a central European rail booking engine by connecting European train carriers API. Member of the production team responsible for the ops part of Captain Train's infrastructure.  <i>Major techs used: Ruby, Python, Bash, Ansible, Puppet, CloudFormation, PostgreSQL, RabbitMQ, Redis, Elasticsearch, Unix</i>	
<b>ClicRDV - Solocal Group (PagesJaunes), Paris, France</b> <i>Full-stack Software Engineer</i> Working in a creative startup, quickly focused on improving the coding workflow of the team. From CI integration to different staging env, promoting testing and automation, also leveraging the teams development env to keep their work as efficient as possible.  <i>Major techs used: Ruby (RoR), Javascript (YUI, angularJS), MySQL, MongoDB, Chef, Docker, Git, OSX</i>	Oct. 2013 - Dec. 2014
<b>Amadeus SAS, Sophia-Antipolis, France</b> <i>Software Engineer</i> Developing for Amadeus's major software for Travel Agencies. Dealing with legacy codebase (>10 years old) daily work of support and developing new features. Continuous work to enhance the development process by introducing style checking, unit testing and best practices to the javascript codebase.  <i>Major techs used: Javascript, Java, Maven, Eclipse, Webstorm, Visual Studio, Git, Cygwin, Windows</i>	Oct. 2012 - Sept. 2013
<b>NSYSU University, Kaohsiung, Taiwan</b> <i>Research intern</i> During 3 months I worked in a research lab working on Hadoop.  <i>Major techs used: Java, Bash, Eclipse, Unix</i>	Summer 2011