Paul **Bonaud**

SOFTWARE ENGINEER

Enthusiast about web technologies, automation and coding challenges

Contact Me

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 paulrbr   paulrb_r   thoughts

Education

2011 – 2012

Imperial College, London, United Kingdom

Master of Science in Computing spec. Distributed Systems

Advanced Topics in Software Engineering, Advanced Databases, Distributed Systems, Graphics. *Master thesis: Accelerometer based Exercise Aid mobile application.*

2009 – 2012

INP - ENSEEIHT, Toulouse, France

French Engineering Diploma in Computer Science and Applied Mathematics

Operating Systems, Concurrent computing, Middleware, Internet Applications Development, Network Architecture, VHDL, Real Time Systems

2006 – 2009

Lycée Claude Fauriel, Saint Etienne, France

Preparatory classes (MPSI-MP)

Mathematics, Physics and computer science

Work Experience

Current, since Jan. 2015

Capitaine Train, Paris, France

Automation/Production Engineer • Current

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 support lead.

Back-end Software Engineer • Jan. 2015 - July 2016

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.

Major techs used: Ruby, Python, Bash, Ansible, Puppet, CloudFormation, PostgreSQL, RabbitMQ, Redis, ElasticSearch, Unix

Oct. 2013 - Dec. 2014

ClicRDV - Solocal Group (PagesJaunes), Paris, France

Full-stack Software Engineer

Working in a creative startup, quickly focused on improving the coding workflow of the team. From CI integration to different stagging env, promoting testing and automation, also leveraging the teams development env to keep their work as efficient as possible.

Major techs used: Ruby (RoR), Javascript (YUI, angularJS), MySQL, Mongodb, Chef, Docker, Git, OSX

Oct. 2012 - Sept. 2013

Amadeus SAS, Sophia-Antipolis, France

Software Engineer

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.

Major techs used: Javascript, Java, Maven, Eclipse, Webstorm, Visual Studio, Git, Cygwin, Windows

Summer 2011

NSYSU University, Kaohsiung, Taiwan

Research intern

During 3 months I worked in a research lab working on Hadoop.

Major techs used: Java, Bash, Eclipse, Unix

Computer Skills

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

Software Eng.
TDD/BDD, Continuous Integration, Acceptance testing, PostgreSQL, MySQL

Web
Ruby on Rails, Sinatra, BackboneJS, Django

Ops
Unix, OS X
PostgreSQL, RabbitMQ
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