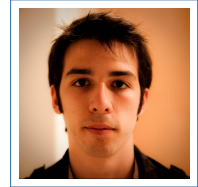


Ugo Bataillard

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Experience

- Oct 2014 - **Software engineer/Product owner**, *En Japan*, Tokyo.
Present Work on HR services using highly concurrent technologies (Akka, Play). Designed a modular micro service architecture used by all services in the team on AWS infrastructure such as VPC, ELB, Elastic Beanstalk and RDS, developing and using Ruby for deployment. Created and managed a project with up to 10 people. More recently started a new project in Ruby on Rails.
- Jun 2010 - **Lead Developer**, *Orange Labs*, Tokyo.
Sept 2014 Created services in partnership with Japanese actors to find opportunities between Orange and the local technology industry. For each project, I designed, defined the market offer, prototyped the solution leading small teams of designers and developers and finally pushed the product to sponsors in the group and to local partners.
- Created a prototype and a market offer for a real time control system of QoS for LTE connections. This was an opportunity to interact with a huge infrastructure, LTE SAE, and learn how to dive into complex standards to create innovative solutions.
 - End to end designed and prototyped a content delivery solution using 802.11ad in partnership with Wilocity that resulted in the Media Station Kiosk product in collaboration with SITA (<https://www.youtube.com/watch?v=9uNkvKtkCNI>).
 - Collaborated with Les Bains Numeriques festival in France to develop a mobile application to follow other visitors, 6th sens (<http://6emesens.orangejapan.jp>), and an installation with real time video streaming projected in immersive spheres. This was the occasion to find technical solutions to implement more artistic projects.
- Apr 2012 - **CTO and Co-Founder**, *Smint Co.,Ltd.*, Tokyo.
Dec 2013 Co-created a company making a mobile application related to fashion. Starting a company taught me a lot about human relationships and shaped my vision of product creation and business development.
- *fukupix*: fashion mobile SNS that enables its community to share their style and find easily where to buy clothing items (<https://www.youtube.com/watch?v=s4oEnScbas4>). I led the architecture design, user experience workflows and implemented the iOS app and api server (with Scala and Lift). I learnt then about ObjectiveC and reactive programming thanks to ReactiveCocoa. I also learnt a lot about functional programming and the use of the cake pattern as an alternative to dependency injection frameworks.
 - *onecard*: mobile wallet for loyalty cards. Led the architecture design and implemented iOS and Android apps and their backend server (with Scala and Play). During this period I learnt a lot about asynchronous and actor based programming.
- Jun 2009 - **Intern Engineer**, *Orange Labs*, Tokyo.
Jan 2010 Worked on route prediction algorithm using Lucene index and Google Maps API. During this period I have acquired experience of main design patterns such as MVC, Dependency Injection using Spring framework.
- Extra: Moved scattered hardware based IT structure in the lab to a unified virtual machines solution using Google ganeti server management system and created a common internal application deployment environment thanks to LDAP, git, internal DNS, reverse proxy Nginx and task management based on Redmine.

Extra

play-server-http4s Http4s backend for Play framework. <https://github.com/knshiro/play-server-http4s>

sbt-packer Tool to create Amazon AMI out of scala applications. <https://github.com/en-japan/sbt-packer>

SVolley Scala wrapper around Google Android Volley. <https://github.com/knshiro/svolley>

AFNetworking-Rewrote this ReactiveCocoa extension of AFNetworking for AFNetworking 2.0.
RACEExtensions<https://github.com/knshiro/AFNetworking-RACEExtensions>

Computer skills

Languages Scala, Java, ObjectiveC, Android, iOS, Javascript, Haskell, C, C#, HTML5, CSS3, Python, Bash, Ruby, C++, UML

Tools AWS, MySQL, PostgreSQL, MongoDB, Git, Vim

Miscellaneous Linux, MacOS, Windows

Education

June 2010 **Master of Science in Computer Science and Networking**, *Telecom Paristech*, Paris, France.

June 2010 **Exchange Semester in Computer Science and Distributed System**, *Queensland University*, Brisbane, Australia.

June 2005 **High School Diploma**, *Lycee Beaussier*, La Seyne sur mer, France, *16.4/20*.
First class honours and scholarship

Languages

French **Native**

English **Fluent**

TOEFL IBT 98/120, 2009

Japanese **Conversational**

JLPT N3 2011

Spanish **Basic**

Interests and hobbies

I love hiking with my camera around Tokyo (<https://www.flickr.com/knshiro/>). I'm keen on reading programming (specially functional) and science books but I also really like marketing (e.g. Seth Godin's blog) and psychology (Daniel Kahneman's Thinking, fast and slow).