

# Arnaud Tanguy

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## OBJECTIVE

A challenging project that involves designing, programming, maintaining and/or managing an interactive application.

## EDUCATION

2008 - 2009	Spring and Tibco iProcess Engine training
2006 - 2008	Master in Computer Science and Mathematics Specialty Components and Software Architecture University of Bretagne Sud, France
2005 - 2006	License in Computer Science (equivalent to Bachelor's degree) University of Bretagne Sud, France
2003 - 2005	DUT in Computer Science University of Rennes 1, France

## SKILLS

<b>Language</b>	Java/Java EE, PHP5, C, PL / SQL, HTML5, Javascript
<b>Persistence</b>	Oracle, MySQL
<b>Presentation</b>	Swing, HTML, XML, XSL, XSD, CSS, Android
<b>Framework</b>	AspectJ, JUnit, Spring, Symfony, Struts, Hibernate, Play!, JQuery, Mockito, Spring Roo
<b>Data Grids</b>	GigaSpaces, Coherence, EhCache
<b>BPM</b>	Tibco iProcess Engine
<b>Design</b>	Project management, UML, Design Patterns
<b>Development Tools</b>	CVS, SVN, GIT, JIRA, Trac, Hudson, Eclipse, NetBeans, Ant, Maven, Redmine, Confluence, Sonar
<b>OS</b>	Linux, Windows, Mac OS

# PROFESSIONAL EXPERIENCE

Juillet 10 - now	Orange Labs UK - London
Role	Software Engineer
Mission	<p><i>Participation TV</i> Design and Create a web application : administration and RESTful services used by an Iphone application. Use Spring Roo with Hibernate, Java 6.</p> <p><i>Buyster</i> Design and create 3 Web Applications for a SIM Authentication prototype (<a href="http://buyster.fr/">http://buyster.fr/</a>) with Play! Framework. Each application communicate with the others with RESTful Web Services. Use an internal Orange gateway to send/receive the encrypted sms. Configure and deploy the applications on servers. Communication with the customers, improvement of the architecture. The prototype was shipped on-time and used by commercial team to promote the service to the different partners.</p> <p><i>118712 Directory</i> Create a Web Application in HTML5 with Ruby on Rails for a French directory. The service will be in production in September.</p> <p><i>Personalization Enabler</i> Design and build REST full web service to expose records as XML to third party for an application connected to Social Network (authentication + services) like Facebook, Twitter, Dundal, Flickr, Google Maps. Create background jobs with Quartz scheduler. Use of interne Orange API to send SMS/MMS to end users. This application was a module of a research project in France Telecom group. Create an Android application connected to some social network (Facebook, Twitter) using RESTful web services.</p> <p>Create an environment of continuous integration (Hudson, Sonar) Co-inventor on 1 pending patent. (Europe) Submit 3 ideas to boost innovation. One project selected by SEEDS.</p>
Technical Envir.	Java SE 6, Maven2, JAX-WS, JAXB, Hibernate 3.6, Spring 3, XML, Flickr api, Facebook api, Twitter api, Android, Google Maps api, Junit 4, Mockito, MySQL, Maven 2, ehcache, Play! Framework, Redmine, Sonar, Tomcat 6, jQuery, HTML5, Ruby on Rails, Quartz scheduler, Spring Roo

<b>May 08 - March 10</b>	<b>OPUS project - BNP Paribas Arbitrage - Paris</b>
Role	JavaEE Developer
Mission	<p>Opus is the repository for derivatives products. The main job is to setting up a validation workflow (BPM) to manage product's life. The purpose of this project is to simplify and improve the profitability of Middle Officer.</p> <ul style="list-style-type: none"> <li>• Needs analysis, writing functional documentation, creation of Jiras to cut out the different steps of the project.</li> <li>• Define the scope of research products, define the swing interface with the client.</li> <li>• Optimize existing services, creation of new EJB services</li> <li>• Creation of the Swing client and the EJB services for the GUI.</li> </ul> <p>Create an environment of continuous integration (Bamboo2 and Sonar)</p> <p>International Support for Opus: Analysis, reproductive problems, patch creation, lead the user to the proper support team.</p> <p>Establishment of new http services, web page for other applications and / or users.</p>
Technical Envir.	Java / J2EE (1.4, 1.5), Spring 2.6, Struts 1, Hibernate 3, Junit 4, Oracle 10, TIBCO iProcess 10.6, TIBCO Rendezvous, Weblogic 9.2, Coherence, XML, XSD, Jira, Eclipse 3.5, Bamboo 2 Confluence

<b>January - April 08</b>	<b>Project graduation - FastConnect - Paris</b>
Role	Java Developer
Mission	<p>Developing a WAN Gateway application.</p> <p>The WAN Gateway architecture is based on distributed multi-cluster on a WAN network. Meets the following needs: allow the exchange of data over a WAN, speed, reliability, scalability for Societe Generale.</p> <ul style="list-style-type: none"> <li>• Search for technical solutions, performance testing, configuring GigaSpaces, developing the solution (OpenSpaces, Spring, Java) maven 2 configuration</li> <li>• Monitoring: Spring Bean is placed around the key methods using Spring AOP and JMX.</li> <li>• French Support for GigaSpaces: analysis and reproduction of problems.</li> </ul> <p>Development of open-source plugins for OpenSpaces which is a Java framework based on Spring to use and configure GigaSpaces.</p> <p>Making tests and comparisons between solutions Gemfire data-grid, GigaSpaces and Coherence.</p>
Technical Envir.	Java, GigaSpaces, Maven, JUnit 3, Spring 2 AOP, JMX, OpenSpaces, Eclipse, SVN, Gemfire, NetBeans, Redmine

## PERSONAL PROJECTS

<b>May 09</b>	<b>Android application</b>
Role	Design and build the application
Mission	Development of an Android application "Nabazdroid". Using the Android SDK and Nabaztag web services. More information about <a href="http://code.google.com/p/myandroid/">http://code.google.com/p/myandroid/</a>  <i>'This is great works fine makes listening to music easier on my wabbit.'</i> by michael (June 23, 2009) on the android market.
Technical Envir.	Android, RESTful web services

<b>July-December 07</b>	<b>SaaS Web Content Management</b>
Role	Create the business and the web application
Mission	Creating an Internet application to generate vacation rentals websites. Each user have their administration to manage the site. Partnership Development, SEO, advertising. Account Management Google Adwords, SEO for customers website. <a href="http://www.glapi.fr">http://www.glapi.fr</a>
Technical Envir.l	Symfony Framework, PHP5, XML, JavaScript, Google Maps, MySql

## LANGUAGES

<b>English</b>	Written and oral professional
<b>French</b>	Mother tongue