

# YAN BONNEL

FULL STACK DEVELOPER

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## Profile

### Full Stack developer

12 years experience on Java development

4 years on Postgresql

3 years on modern Javascript (like React.js)

2 years on elastic search.

## Skills

### Java

I work with java for 12 years, I like very much community around Java, go to JUG, Devovx, ...

### Postgresql

I develop with postgresql as primary storage for 4 years, i like the stability and all the features of this database.

### Javascript

I work with modern Javascript for 3 years with a specific framework inspired by React.js.

### Elasticsearch

I discover Elasticsearch 2 years ago, and i like the possibility of this product.

### Continuous delivery

I like to automate everything and have a real continuous delivery.

### Infrastructure

For 4 years, I operate a complex system with 60 servers, and 2 000 req/s.

## Technical

Java

Postgresql

HTML5

Jenkins

JEE

Play framework

CSS

Sonar

Kotlin

Vertx

React.js

Gradle

Spring

Android

Javascript/JQuery

Maven

## Experience

### Smart RX - CEGEDIM group SAAS Architect

08/2014 - now

#### Transversal technical leader on all SAAS application

In charge of all SAAS application for pharmacies (more than 6000 clients)

Functions :

- Proof of concept
- Knowledge share
- Support on complex problem
- Code review
- CTO help on enterprise strategy
- Technological survey

Technologies :

- Java
- Javascript/EcmaScript 2016
- Play Framework
- Postgresql
- MemCached
- Git
- Elasticsearch (20 servers cluster)
- Debian
- Jenkins
- Sonar
- Upsource
- Infrastructure of 70 servers.

Expert developer on the client framework (from 04/2013 to 08/2014).

Functions :

- Support for all developers using the framework.
- Development of new features in framework.

Technologies :

- Java
- Maven
- SOA
- SVN

Technical leader on one Java application, team of 10 people (from 07/2013 to 03/2014).

Applications in charge of housing demand in France.

Functions :

- Technical expert: support for all developers.

Technologies :

- Java
- Maven
- Spring
- Struts
- Axis
- Postgresql
- Tomcat
- SVN

Transversal technical leader on 4 Java applications, team of 30 people (from 05/2012 to 06/2013).

Applications in charge of network activation for a french mobile operator.

New application management contract with reversibility.

Work in team with Indian people.

Functions :

- Continuous delivery: define build and install processes with Jenkins for all applications.
- Technical expert: support for all developers.
- Help to resolve issues on multiple environments.
- Realization of a Web portal for developers (Play framework).

Technologies :

- Java
- Ant
- Jboss
- Oracle
- Unix
- Jenkins
- Play Framework
- SVN

Technical leader on 2 Java applications, team of 100 to 200 people (02/2008 - 04-2012).

Redesign project of the core system for a french mobile operator.

This project covers from order to billing through a catalog for the offers' referential.

Functions :

- Bench of Cameleon Software (used for the catalog offers) - 5 months
  - Use of Load Runner.
  - Development of a webservice layer to abstract Cameleon (Jboss WS).
- Writing functional specifications for the catalog offers - 6 months.
- Technical leader on the catalog offers, 5 to 10 developers - 1 year
  - Webservices (JbossWS),
  - Hibernate,
  - Continuous integration (Maven, Hudson, Sonar).
- Technical leader on a taking order system, 10 to 30 developers - more than 2 years
  - Webservices (CXF),
  - Spring core, JPA, Hibernate,
  - Continuous integration (Maven, Jenkins, Sonar),
  - Installation and integration of Gerrit (software to help in code review),
  - Realization of a Web portal for developers (Play Framework).

Technologies :

- Java,
- Spring core,
- Jboss,
- Hibernate, JPA,
- Webservices (JbossWS and CXF),
- Oracle,
- Unix,
- Maven,
- Jenkins,
- Play Framework,
- SVN,
- Git (used for Web portal).

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## Sopra Group

### Junior Software Architect

11/2007 - 01/2008

Create an UI to manage documents (team of 5 people).

Application in charge of document management for all exploitation documents.

Functions :

- Participation in the pre-study for realization.
- Creation of the base code for the development.

Technologies :

- Java/JEE,
- Struts,
- Hibernate,
- SVN.

Participation in every steps of an Application Management Contract (team of 4 to 10 people).

Applications used for a mobile operator to know the list of network antennas which would be used by users.

Functions :

- C++ developments under Unix for an activation system.
- JEE developments for an administration interface.
- Java developments under Windows for a forecasting system radio coverage.
- Participation in specifications and testing for these applications.

Technologies :

- C++,
- Unix/Shell,
- Java/JEE,
- Struts,
- PVCS Version Manager,
- VBScript.

Final-year internship

Participation in developing an activation system for a french mobile operator.

- C++ developments under Unix (HP UX),
- Unix Scripting (KSH).

Part in organisation of multiple conferences.

- <http://www.breizhcamp.org/>
- <http://www.codeursenseine.com/>

Speaker

- [https://www.youtube.com/watch?v=cufoOv6\\_PxU](https://www.youtube.com/watch?v=cufoOv6_PxU)
- <https://www.youtube.com/watch?v=iOwnUPSYoKI>
- <http://www.youtube.com/watch?v=aqBYnOjkX6w>
- <http://www.normandyjug.org/2013/09/06/une-application-web-simple-en-java-cest-possible-par-yan-bonnel/>

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## simplifiedom-component

12/2016 - now

<https://simplifiedomjs.github.io/simplifiedom-component/>

Just an other javascript component framework!

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## SimpleWeb4j

2013 - 2014

<https://github.com/ybonnel/SimpleWeb4j>

Small java framework to create web application based on angularjs and REST services.

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## YboTv

12/2012 - now

<https://github.com/ybonnel/ybo-tv-android>

<https://play.google.com/store/apps/details?id=fr.ybo.ybotv.android>

Android application for France TV Program.

Some statistics :

- Downloads : more than 82 000,
- Comments : more than 650 ratings with 3.96/5 average.

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## "Transports Rennes" and "Transports Bordeaux"

08/2010 - now

<https://github.com/ybonnel/TransportsRennes>

<https://play.google.com/store/apps/details?id=fr.ybo.transportsrennes>

<https://play.google.com/store/apps/details?id=fr.ybo.transportsbordeaux>

Android applications for public transportation of Rennes and Bordeaux.

Use of Open-Data for these two cities.

Some statistics :

- Transports Rennes' downloads : more than 83 000,
- Transports Rennes' comments : more than 2000 ratings with 4.50/5 average,
- Transports Bordeaux' downloads : more than 96 000,
- Transports Bordeaux' comments : more than 1600 ratings with 4.49/5 average,
- Source code : more than 30 000 LOC (<http://www.ohloh.net/p/TransportsRennes>).

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## CsvEngine

2011 - 2013

<https://github.com/ybonnel/CsvEngine>

Small java framework based on annotations used to parse and write CSV files.

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## Transports Rouen

07/2012

<https://github.com/ybonnel/TransportsRouen>

<http://transports-rouen.appspot.com/>

Small mobile web app for public bikes in Rouen.

Used to test JQuery Mobile technology.