YAN BONNEL
SOFTWARE ARCHITECT

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Profile

Software Architect

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, Devoxx, ...

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

<u>Transversal technical leader on all SAAS application</u>

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 Framwork
- 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

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

Redisign 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 functionnal 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).

Sopra Group
Junior Software Architect

11/2007 - 01/2008

<u>Create an UI to manage documents (team of 5 people)</u>

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.

Sopra Group
Developer

<u>Participation in every steps of an Application Management Contract (team of 4 to 10 people)</u>

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.

Sopra Group
Developer

02/2006 - 06/2006

<u>Final-year internship</u>

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

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

Off-work projects

Community

2012 - 2016

Part in organisation of multiple conferences.
- http://www.breizhcamp.org/
- http://www.codeursenseine.com/

Speaker
- https://www.youtube.com/watch?v=cuf0Ov6_PxU
- https://www.youtube.com/watch?v=iOwnUPSY0KI
- 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/

simpledom-component
https://simpledomjs.github.io/simpledom-component/

12/2016 - now

Just an other javascript component framework!

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

2013 - 2014

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

YboTv
https://github.com/ybonnel/ybo-tv-android
https://play.google.com/store/apps/details?id=fr.ybo.ybotv.android

12/2012 - now

Android application for France TV Program.

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

"Transports Rennes" and "Transports Bordeaux"
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

08/2010 - now

Android applications for public transportation of Rennes and Bordeaux.
Use of Open-Data for thess 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).

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

2011 - 2013

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

Transports Rouen
https://github.com/ybonnel/TransportsRouen
http://transports-rouen.appspot.com/

07/2012

Small mobile web app for public bikes in Rouen.
Used to test JQuery Mobile technology.

Education

University of La Rochelle (France)
Master in computer sciences (specialty: pattern recognition and image processing).

2000 - 2006