



ObjectSpirit.net

Lancelot Bertrand

Project management and technical expertise in development

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Business domains

Insurance, Distribution, Software editor (Sales and Logistics), E-commerce(B2B, B2C).

Areas of expertise

Project management,
Offshore projects (in Bangalore).
Objet methodology and UML,
Design and Development object
Architecture (Technical & Software),
Tuning and Optimization.

Project management

Agile (Scrum, Kanban), classic.

Technical knowledge

Methodologies

Orienté Objet, Structuré,

Languages

Object : Java (... , 8) / J2ee (... , 7), C++, Flash.

Structured : C, Pascal.

Interpreted : Jsp, Php, Javascript.

Scripting : Bash, Perl, Jython.

Database : Sql, hql, jpql.

Web Services & Messaging : Rest service, Web service (WSDL), JMS, ESB.

Web : Html, Dhhtml, Xhtml,
Javascript,
Xsd, Dtd, Wsdl,
Xml, Xsl, Xsl-fo (pour génération PDF),
Css.

Environments

OS and servers : Linux (Ubuntu, Mandriva, RedHat, Debian, CentOs),
Unix,
Mac,
Windows (...).

Modeling : Méga, ArgoUML.

Development : IntelliJ Idea (... , 15.x), Eclipse (... , Kepler).

Servers

Serveurs Web :	Apache, Oracle.
J2ee Servers :	Geronimo, Jetty, JBoss, Tomcat (..., 8.x), Oracle, Webby, Weblogic, Websphere, wildfly (8.x).
Database servers :	Oracle, Db2, Postgres, MS Sql Server, MySql, HsqlDB.
Serveur NoSql :	MongoDb, Cassandra.
Serveur Graph :	Neo4j.
search engine :	Intuition (Sinequa.com)

Tests

Load tests :	LoadRunner, JMeter, Gateline, LoadUI, JUnitTestPerf.
Tests unitaires :	JUnit, DBUnit.
Tests d'intégration :	FitNesse, SoapUI, Selenium.

Tools

Agile :	Jira, Trello, Redmine,
Developments :	IntelliJ Idea, Eclipse, NetBeans, Rational Application Developer, CheckStyle, FireBugs, Simian, Lint4J (code review), Jalopy (Formating code), JDepend (Metrics), JUnit (Unit tests), JDiff (Text comparator), Clirr (java class comparator).
Build :	Maven (1.x, 2.x, 3.x), Ant.
Continuous Integration :	Jenkins, Hudson, avec plugins checkstyle, Sonar, ...
Librairies managment :	Java : Nexus (maven), Javascript : Npm, bower.
Build et integration continue :	Jenkins, Hudson, avec plugins checkstyle, Sonar, ...
Database access :	Toad, PL-SQL Developer, IntelliJ Idea, SQL Explorer (Plugin Eclipse).
Scripting et templating :	Ant (Xml Scripts), Jelly, Velocity, XDoclet (EJB generator, ...).
Versionning :	Svn, Git, Cvs, ClearCase.
Forge :	Codendi.
Wiki :	Confluence, WikiPedia, Redmine.
Trackers :	Jira, Redmine, Mantis, Forge.
Remote collaboration :	Skype, Netmeeting

Training

ITIL Training :	Certification level 1.
IT Master :	

Langues

English :	Read, write, Spoken. 1 year experience with AxonActive, Offshore experience with Decathlon,
Germain :	School

Business Experience

8 years

depuis le 07/1998

Adéo / Pyxis

3.5 years

du 04/2013 au 08/2016

Technical project manager in Adeo Pyxis team.

- Mobility in order-picking workplace in 3 main steps.

Goals :

- Give customer's orders faster.
- automatize process to generate picking according to order's state and customer's appointment.
- Manage picking and hand over processes with a mobile tool thanks to a web api compatible with (html 5).
- Click & Collect : Manages picking in a delay of 2h max.
- ...

Technologies used :

- Business services in RMI with Spring,
- New Eclipse RCP plugin added in the main Pyxis Api (Api used by sellers in LeroyMerlin stores),
- New web Api used by mobile tool to manage pickings, hand overs, storage of products receipt from suppliers.

- CustomerBoard

Goals :

- Centralize main customer's informations (estimates, orders, appointments, invoices, bills, ...), and then to be able to display his informations on the website faster,
- Indexation of JMS from different sources (Pyxis for estimates, orders, wish list, appointments, rentals, ...; cashier for bills, invoices, ...),
- Get customer's datas with REST services (filters on store, type of document, date, paging, ...),
- Initialize / reinitialize all datas per source and per store.

Technologies used :

- POC based on NodeJS and MongoDB,
- Architecture multi-servers and dbs in master/slave.
- JMS : Web Methods in production, Active MQ for tests,
- Rest services : Swagger, Jackson.

- Caching (Api to manage web payments)

Goals :

- Manage web payment per BU
- Updates payment transaction with bank's feedback (payment aproved, refused, ...),
- Manage security in taking care about possible web hacks.

Technologies utilisées :

- JMS : Web Methods en production, Active MQ pour les tests,
- Services Rest : Swagger, Jackson,

- Other features on the product :

- Fidelity : calculate and display prices informations in the order interface with customer's points.
- Cross channels : Manage estimates in cross channels.
- ...

Environnement :

- System : Mac (workstation), CentOS (Servers)
- Architecture : SOA with services (Web / REST, JMS) and ESB (ActiveMQ et Web Methods),
- DB : Postgres,
- NoSQL DB (POC) : MongoDB, Cassandra,
- Versionning : Svn, Git,
- Continuous integration : Nexus / Jenkins,
- Object Language : Java SDK (6, 7) / J2ee 1.4,
- Web Language : Html 5, Xml, Xsd, Wsd, Javascript, Css, Ajax,
- Services : Web services, Rest services, JMS,
- Development Outils : IntelliJ Idea 14.x, Eclipse Kepler & >
- Build : Maven 2 / 3
- J2ee servers : JBoss 4, Wildfly 8
- Java / J2ee : Spring (3.1.x), JPA 2, Hibernate 4.2.x, Cxf (Web services), ...
- Javascript : jQuery, AngularJs, NodeJs,
- managment & Bugs tracker : Mantis, Trello

- Methodo : mixte Classic and Agile.
- Others : Bower, npm, ... for angularJs and NodeJs, Eclipse RCP.

AxonActive

1 an

du 03/2012 au 04/2013

The business of this Switzerland-German company is based on management of datas on individuals and companies. These services are used, at least, by financials companies (bank, insurances, ...).

Based on Agile / Scrum, we realized a web service application, to manage the decisioning process for car leasing.

- Projet managed in Agile / Scrum.
- Exclusively in English, and sometime in german (by email only).
- Help to implement features in the decision service.
- Full implementation of the identification service.
- Help to improve tests in using SoapUI and then to have a full functional coverage.
- Help to automatize tests, in using SoapUI "mocking" feature, to simulate 3rd parties call for our Test cases.

Environnement :

- System : Mac (workstation), Redhat (Servers), Windows (servers)
- Architecture : SOA
- DB server : Postgres, MS SQL Server
- Rule engine : Drools 1.1, Guvnor.
- Versionning : SVN, GitSvn,
- Continuous integration : Hudson / Jenkins,
- Development tool : IntelliJ Idea (11.x, 12.x)
- Build tools : Maven 2 / 3
- J2ee servers : Jetty, Tomcat 6.x, Geronimo 2.x,
- Integration tests : Soapui, Maven Soapui plugin,
- Language Object : Java SDK (6) / J2ee 1.4,
- Java / J2ee : drools 1.1.x, Spring 3.1.x (Spring-web, Spring-WS, ...), JPA 2, Hibernate 4.x.
- Management & Bugs tracker : Jira, Redmine.

Adeo / LeroyMerlin

1.5 year

du 06/2010 au 02/2012

Management of various projects for a new version of the website leroym Merlin.fr in SOA / J2ee architecture.

- Help in writing the standards guide.
- Install environment for the continuous integration for projects (hudson, nexus, maven, wiki).
- Administration of the forge and the continuous integration environment : forge, svn, hudson, nexus, maven, wiki.
- Migration of Svn repositories.
- Manage migrations of projects in maven.
- Search project :
 - Create web services to search products, forums, ...
 - Call web services in the website.
 - Auto complete functionality to help search.
- RPM generation in maven to deploy projects on environments.
- Multi criteria project (MQS) :
 - Implements web services.
 - Call web service in the website.

Environnement :

- System : Linux Ubuntu (workstation), Redhat (Servers)
- Database : Postgres, Intuition (search engine)
- Versionning : SVN, Git,
- Doc : Forge Codendi, Wiki,
- Continuous integration : Nexus, Hudson / Jenkins,
- Object Language : Java SDK (5, 6) / J2ee 1.4,
- Web : Html, Xml, Xml schema, Javascript, Css, Ajax,
- Development tool : Eclipse 3.4
- Build tools : Maven 2, Ant, Abs
- J2ee servers : Tomcat 5.5, JBoss 4,

APIs and Java interfaces :

Spring (2.5.x, 3.0.x), JPA 2, Hibernate 3.x, Metro (Web services), ...

SwissLife

~1 year

du 03/2009 au 08/2010

Advice, assistance and support to project teams and new technology developments.

- Advice, assistance on tools and environments,
- Install a continuous integration environment for projects (Hudson, Nexus, Sonar, ...)
- Java / J2ee standards (EJB, Web Services, Logs, Exceptions, ...),
- Configure code review tools in continuous integration (CheckStyle, Findbug, PMD, ...),
- Tuning (J2ee servers), optimization et profiling to identify problems in production environment.
- Load test of the new architecture in clustering mode,
- Create a development master (Rad 7.5, RSA, Was 6.0 / 6.1, ...),
- Create a custom Eclipse plugin for SwissLife,
- Evolution and support of the SwissLife framework,

Décathlon

~4 years

du 10/2004 au 02/2009

Coach Tétrix (Java / J2ee).

3.5 years

du 07/2005 au 02/2009

Coach Java / J2ee.

Assist project leader from pre-study to design and realize the application.

- Estimate, planning and resources management,
- Define the architecture (technique & applicative),
- Design and development of specific tools (Plugins for Eclipse, Build with ANT scripts, ...),
- Design and development in the framework (Automatic history, graphical components, utilities classes, ...),
- Business design and development on each application (screens, treatments, web services, Editing, ...),
- Assistance aux Web designers, designers et développeurs pendant les phases de prototypage, de design et de développement,
- Assists web designers, designers et developers,
- Unit tests and Load tests,
- Participation à un POC (Proof Of Concept) visant à choisir un éditeur,
- Accueil et formation des nouveaux arrivants.

Framework :

- Automatic historisation of datas whom tables listed in a xml configuration file,
- Display data history in an admin screen,
- LoadBalancing : Add jmx beans which allows to run a java command in all servers where the application is deployed (Reset cache, change log level, ...),
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Applications realized (main of them) :

Iims : Manage tests of products in laboratories.

Project (Design : 200, Développement : 600), depuis le 01/2008).

Tattoo et QWExport : Follow travel of products.

Project (Design : 100, Développement : 400), depuis le 01/2008).

RefLog : Logistic referential.

Project (Design : 30, Développement : 100), du 01/2008 au 04/2008.

Cash Report : Reportings for kash in stores..

Project (Design : 30, Développement : 100), du 01/2006 au 10/2007.

Dream : Recruiting tool on internet.

Project offshore in India (Design : 100, Développement : 300), du 01/2006 au 06/2007.

RefHR : Human resource referential.

Project offshore in India (Design : 20, Développement : 70), du 01/2006 au 06/2007.

PCC : Price Competitor Check.

Project offshore in India (Design : 80, Développement : 250), depuis le 01/2008).

PDT : Production decisional tool.

Project (Design : 60, Développement : 200), du 01/2006 au 10/2006.

Giftcard et eGiftCard : Manage gift cards.

Project (Design : 25, Développement : 110), du 01/2006 au 07/2007.

Quarterly Bonus : Calculate bonus for decathlonians.

Project offshore in India (Design : 60, Développement : 200), du 07/2005 au 03/2006.

Miscellaneous

- Manage Firefox addon (nodejs, javascript, Xul, Adb, Jpm & Jpm-mobile for Firefox on Android).
- (in progress) Create a Website api for a customer (NodeJs, AngularJS 1, MongoDB, Recaptcha, express, mongoSkin, jwt, ...).

- Online servers management & administration on OVH and Kimsufi.
- Management & administration of website <http://www.ObjectSpirit.net>.