

# Alban Dericbourg

## Software engineer

Graduated from Arts et Métiers ParisTech (ENSAM) and Supélec

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30 years-old

## Experience

Since apr. **Spideo**, Paris.

2015 Profile-based and content-based recommendation of video content (VoD and TV).

- Tech lead
  - Development and maintenance of APIs consumed by content providers
  - Set-up of configuration management and automatic deployment
- Environment : Java 7/8, Scala, Jersey, Guice, MongoDB, Cassandra, Elasticsearch, Kafka, Ansible, AWS, Git, Kanban*

Oct. 2014 – **RATP**, service for Ippon Technologies, Noisy-le-Grand (93).

- apr. 2015
- New software factory
    - Requirements study and implementation
    - Process definition with end-users (developers and project managers)
  - Development and maintenance of "white application" (Play templates)
- Environment : Git, Jenkins, Sonar, Artifactory, Redmine, Gitlab, Android, Play Framework*

Jul. 2013 – **Darty**, service for Ippon Technologies, Bagnolet (93).

- oct. 2014
- Micro-services refactoring of the information system
    - "Availability" component (Darty's ability to deliver goods to customers) with high stress constraints
    - "OMS" component (order management system)
  - Monitoring set-up (logs and application metrics)
- Environment : Dropwizard, Guice, Java 7, FreeMarker, Guava, Jackson, Jersey, JDBI, Maven, Gradle, DB2, YourKit, Google Charts, AngularJS, Grunt, Bower, Liquibase, Elasticsearch, Logstash, Kibana, Graphite*

Dec. 2012 – **Digiplug**, service for Ippon Technologies, Paris.

jul. 2013 Application to manage releases (clips, albums...) from UMGI catalog.

*Environment : Spring, Hibernate, Java 6, Maven, Jetty, JUnit, EasyMock, Oracle, framework Java propriétaire*

2009 – 2012 **Archives Nationales**, service for Klee Group, Le Plessis Robinson (92).

Archive management application (after a one-shot relocation helper application).

- Development of business modules
- System administration of virtual machines (development and integration)
- Continuous integration management
- Industrialization (code generators, common tasks automation)

*Environment : Java 6 (proprietary framework), Tomcat / JBoss, Maven 2, Solr, Oracle, Subversion, .Net 3.5 compact on mobile devices*

2011 – 2012 **Vinci PARK**, service for Klee Group, Le Plessis Robinson (92).

Customer and accounting management application.

- Data modeling
- Technical quality manager (developer support, code review, metrics and test framework set-up)
- Took part in technical architecture set-up (Windows cluster, SQL Server cluster, Hyper-V / Virtual Machine Manager)

*Environment : .Net 4 (framework propriétaire), SQL Server 2008R2, Visual Studio 2010, PowerDesigner, CruiseControl, TFS, MsTest*

- Feb. – apr. **Spark Archives**, *software editor, Klee Group subsidiary, Le Plessis Robinson (92).*  
2012 Archive management software.  
◦ Design and implementation of APIs consumed by mobile devices  
*Environment : Java 7 (framework propriétaire), Jersey, Oracle*  
2009 **Supélec**, Rennes.  
Port of Microsoft Windows' group policies to Unix.  
250h project, design, implementation and delivery of a core-module and the *motd* plugin.  
Released as a free software.  
*Environment : Python, OpenLDAP, SVN*

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## Education

- 2014 M101J: MongoDB for Java Developers  
2007 – 2009 École Supérieure d'Électricité (Supélec), Gif-sur-Yvette campus.  
Expertise in Secured Information Systems (Rennes, 35)  
2005 – 2007 École Nationale Supérieure d'Arts et Métiers (ENSAM), Angers  
2003 – 2005 Preparatory class, lycée Montesquieu, Le Mans, PCSI/PSI

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## Events

- Dec. 2015 API days  
Jun. 2015 dotScale  
Apr. 2015 Devovx France (3 days)  
May 2014 dotScale  
Apr. 2014 Devovx France (2 days)  
Dec. 2013 dotJS  
Mar. 2013 Devovx France (3 days)

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## Skills

### Computer

- Languages Java, Scala, Python, SQL, shell (Bash)  
Web HTML/XHTML, CSS  
Frameworks Guice, Jersey, Play, AngularJS, JQuery  
Tools Maven, Git, SVN, Jenkins, Sonar, Nexus, Artifactory, Docker  
DBMS Oracle, MySQL, PostgreSQL, SQL Server, MongoDB, Cassandra  
Application Jetty, Tomcat, Microsoft IIS  
servers  
OS Unix/Linux (Arch, Debian, CentOS), Windows

### Languages

- English Upper intermediate level (TOEIC : 875)  
Spanish Elementary (read, written, basic listening/speaking)

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## Miscellaneous

- Blogging Almost-technical blog (dericbourg.net)  
Music Guitar (over 20 years)  
Playing in a band (15 years)  
Boating Boat licence (sea, river)  
Personnal Non-violence, NonViolent Communication  
commitment