

# 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, Bagnole (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

- 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