

Alban Dericbourg

Software engineer

Graduated from Arts et Métiers ParisTech (ENSAM) and Supélec

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32 years-old

Experience

Since jan. **Criteo**, Paris.

- 2016
 - *Criteo Dynamic Email*: e-mail retargeting (jan. 2016 - feb. 2017)
 - Software engineer in a distributed team (Paris, Bucharest, Grenoble)
 - OKR owner: industrialize e-mail templating
 - Scalability team (since mar. 2017)
 - Team in charge of SDKs for low-latency applications. My work is focused on service discovery and application metrics
 - OKR owner: migrate from an in-house metric aggregation system to Prometheus, define and deploy a unique application identifier used in observability services
 - Informal Java / Scala support: entry-point for Scala topics, version upgrade Criteo-wide on my own initiative

Environnement : Java 7/8, Scala, Finatra, Spring, SQL Server, Mesos, C#, Prometheus, Consul

Apr. 2015 – **Spideo**, Paris.

nov. 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. 2012 **Spark Archives**, software editor, Klee Group subsidiary, Le Plessis Robinson (92).
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

Education

- 2017 Advanced Scrum training (Agilar) : coaching individuals, coaching teams, coaching organizations, continuous improvement
- 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

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)

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 servers Jetty, Tomcat, Microsoft IIS
OS Unix/Linux (Arch, Debian, CentOS), Windows

Languages

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

Miscellaneous

Blogging Almost-technical blog (dericbourg.net)

Music

- Guitar (over 20 years)
- Playing in a band (15 years)

Boating Boat licence (sea, river)

Personal commitment

- First-Aid Officer
- Non-violence
- NonViolent Communication

Publication French translation of the book *The Core Protocols: A Guide to Greatness* by Richard Kasperowski (ISBN 978-1973931447)