Alban Dericbourg

Software engineer
Graduated from Arts et Métiers ParisTech (ENSAM) and Supélec

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32 years-old

Experience

Since jan. 2016 — **Criteo**, Paris.
- *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 was focused on service discovery and application metrics
  - OKR owner: migrate from an in-house metric aggrgation 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 – nov. 2015 — **Spideo**, Paris.
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 – apr. 2015 — **RATP**, *service for Ippon Technologies*, Noisy-le-Grand (93).
- 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 – oct. 2014 — **Darty**, *service for Ippon Technologies*, Bagnolet (93).
- 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 – jul. 2013 — **Digiplug**, *service for Ippon Technologies*, Paris.
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 sofware.
- 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 Devoxx France (3 days)
May 2014 dotScale
Apr. 2014 Devoxx France (2 days)
Dec. 2013 dotJS
Mar. 2013 Devoxx 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)
Personnal 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)