

# Alban Dericbourg

## Software engineer

Graduated from Arts et Métiers ParisTech (ENSAM) and Supélec

38 rue Richard Lenoir  
75011 Paris

☎ (+33) 6 61 24 71 74

✉ alban@dericbourg.net

🌐 <https://www.dericbourg.net>

33 years-old

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## Experience

Since jan. 2016 **Criteo**, *software engineer*, Paris.

▷ *"Observability" team (since 2018)*

Team in charge of observability tools (logging, metrics, distributed tracing)

As the only developer in the team, I:

- Push to design user-oriented APIs for the team's libraries
- Contribute to observability components (including open-source, like BigGraphite for instance)
- Promote development best practices (designing, coding, testing and reviewing)
- Organized and led Scala workshops to ramp-up my teammates on this language

▷ *"Scalability" team (2017 - 2018)*

Interface between SRE teams and feature teams, team focused on service discovery and metrics.

As a member of this team, I:

- Lead migration from an in-house metric aggregation tool to Prometheus (including communication and synchronization with other teams)
- Contributed to the definition and release of a way to uniquely identify an application from a code point of view
- Worked as support for JVM-related issues

▷ *Criteo Dynamic E-mail (2016 - 2017)*

Design, development and maintenance:

- Deliverability-oriented tools (ability to deliver an a-mail into inbox and not into spam box)
- E-mail templating

In all those teams: bootstrapped team retrospectives.

Since jun. 2018 **Exercism**, *mentor*.

Exercism.io lets people learn a language through exercices that are reviewed by mentors.

I contribute as a mentor for Scala and Java tracks.

Apr. 2015 – nov. 2015 **Spideo**, *tech lead*, Paris.

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

- Development and maintenance of APIs consumed by content providers
- Set-up of configuration management and automatic deployment

Dec. 2012 – apr. **Ippon Technologies**, *software engineer*.

2015 ▷ *RATP (oct. 2014 - apr. 2015)*

Rework of software factory:

- Gather feedback
- Set-up tools (Jenkins, Sonar, Artifactory, Gitlab, Redmine)
- Design and write documentation (including checklists)
- Lead trainings
- Bootstrap user support

▷ *Darty (jul. 2013 - oct. 2014)*

Contribution to splitting a monolith to (micro) services as a developer:

- OMS layer (management of orders)
- Availability layer (ability for Darty to delivery a given product in time)

Setup experimental monitoring (logs et app metrics)

▷ *Digiplug (dec. 2012 - jul. 2013)*

Business management for releasing UMGI records.

- Backend development
- Setup testing environment

2009 – 2012 **KleeGroup**, *software engineer*, Le Plessis Robinson (92).

Consulting company providing custom management applications.

2009 **Supélec**, *student*, 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.

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## Education

2019 Parallel, Concurrent, and Distributed Programming in Java, a 3-course specialization by Rice University on Coursera (specialization certificate)

Site Reliability Engineering: Measuring and Managing Reliability by Google Cloud on Coursera

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

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## Events

Attending Regular attendance to dotConferences (dotScale, dotSecurity), Devovx France

Speaking *Client-side load-balancing at Criteo* at Algolia TechLunch

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## Skills

Languages Scala, Java, Python, Go, Rust

OS Unix/Linux, Windows

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## Languages

French Native  
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

- First-Aid Officer

commitment

- Non-violence
- NonViolent Communication

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