

CV – Alban Dericbourg

Freelance Senior Software Engineer

Senior software engineer with 15 years of experience, notably across three French unicorns (Criteo, BlaBlaCar, Mirakl). Driven by the problem to solve and the value for users, I design and harden back-end services in high-traffic distributed systems, as comfortable with legacy code as with a greenfield project. Strong expertise in observability and reliability (SLO / SRE), and in driving cross-team projects. I also help teams cooperate more smoothly. Based in the countryside between Poitiers and Angoulême, I prefer remote-first missions, but I'm glad to travel on-site: staying connected with my colleagues matters to me.

Experience

Mirakl – Paris

Senior Software Engineer (freelance) – Connect (post-sales)

April 2026 – Present

Mirakl Connect is the B2B network connecting operators and sellers. The post-sales team owns the order lifecycle there (high-volume, distributed system).

Joined to reinforce the team, I took the initiative to raise the engineering bar on design and delivery:

- Reworked the design-doc process to close recurring blind spots (capacity / volumetry, observability, testing) and refocus reviews on goals and trade-offs
- Drove adoption of structured templates with inline guidance per section
- Built AI plugins/skills that restructure design docs for readability and actionability, cutting review back-and-forth

#Java #SpringBoot #PostgreSQL #Kafka #AI #Datadog

Senior Software Engineer (freelance) – MPI

November 2025 – March 2026

Mirakl ↔ Shopify connector for platform operators.

Shipped a middleware between Shopify and the Mirakl platform, letting Shopify shop owners open their store to third-party sellers.

- Designed and implemented internationalization (i18n) support across the connector
- Led SLO rollout end-to-end – from design through change management and team adoption

#Java #SpringBoot #PostgreSQL #ShopifyAPIs #MiraklPlatform #Datadog

Cross-team contributions

OpenAPI breaking change detection

April 2026

Setup automated tooling to evaluate changes in an OpenAPI contract, assess the impact and produce a change report.

Includes the ability to block a Github Action pipeline when a breaking change is detected.

The solution is based on the oasdiff open-source tool.

BlaBlaCar – Paris

Senior Backend Software Engineer – Search

April 2021 – October 2025

Full-stack team – passenger-side search experience, from the will to travel to choosing the most relevant ride for one's preferences.

- Drove product projects from discovery to rollout, including 9-month programs spanning 4 teams
- Revamped the search architecture to fit company scale and its multimodal roadmap, then coordinated a progressive migration – no big-bang rewrite (#NoRewrite)
- Pioneered SLOs in the team: paired with the SRE team to ship the first technical SLOs, then Feature SLOs for sharper user-experience modeling; helped onboard other teams
- Continuously improved reliability: strengthened production observability and the design process for new services
- Launched the backend team's Open Spaces ("Forum ouvert") to boost cooperation between engineers
- Contributed to the team's day-to-day delivery

#Java #SpringBoot #Elasticsearch #SLO #Datadog #Kubernetes

Senior Backend Software Engineer – Monetize

September 2019 – April 2021

Backend team working closely with frontend teams – computing carpool passenger fees and orchestrating the purchase flow.

- Extracted standalone monetization services out of the legacy monolith, and spread architecture and code-design best practices across the team
- Drove an SRE approach focused on reducing alert noise and on-call fatigue
- Led the migration from Fleet/Rocket to Docker/Kubernetes in the team's scope
- Cross-cutting mission on performance (team, tooling, applications)
- Mentored a junior engineer

#Java #SpringBoot #MariaDB #Kubernetes #Prometheus #Grafana

Cross-team contributions

Backend hiring interview revamp

2021

I led the definition of the new backend hiring exercise (live coding), with 6 other contributing engineers. We focused on the exercise's fairness and designed it to maximize equality of chances.

The interview is designed to feel like a day-to-day job at BlaBlaCar and heavily promotes teamwork, which helps assessing soft skills.

Criteo – Paris

#Java #Scala #Finatra #Finagle #NETCore #MSSQL #Prometheus #Grafana
#Observability

Software engineer – Observability

2018 – 2019

Team owning Criteo's observability stack (logging, metrics, distributed tracing).

Sole software engineer among ops:

- Designed user-oriented APIs for the team's client libraries
- Contributed to observability components, including open source (e.g. BigGraphite)
- Spread engineering best practices (design, code, testing, reviews)
- Ran Scala workshops to upskill teammates

Software engineer – Scalability

2017 – 2018

Interface between SRE and feature teams; scoped on service discovery and metrics.

- Led the migration from an in-house metrics aggregator to Prometheus, including cross-team communication and rollout
- Defined and shipped a way to uniquely identify an application from the code
- Provided support on JVM-related issues

Software engineer – Criteo Dynamic E-mail

2016 – 2017

Designed, built and maintained:

- Deliverability tooling to maximize inbox placement (over spam)
- An e-mail templating engine

Cross-team contributions

Agility

Bootstrapped retrospectives in all three teams to support a continuous improvement process

Spideo – Paris

#Java #Scala #MongoDB #AWS #Ansible

Tech lead

April 2015 – November 2015

Development and maintenance of APIs consumed by content providers.

Set up configuration management and automated deployment for the team

Education

CentraleSupélec (École Supérieure d'Électricité)

Gif-sur-Yvette / Rennes

2007 – 2009

Engineering Degree – Secured Information Systems

Arts et Métiers ParisTech (ENSAM)

Angers

2005 – 2007

Engineering Degree

Skills

Languages Java, Scala, Python, SQL

Frameworks Spring, Spring Boot

Data & messaging MariaDB, PostgreSQL, Kafka

Containers & orchestration Docker, Kubernetes

Observability Datadog, Prometheus, Grafana

Tooling Git, Maven, Gradle, GitHub

Practices Distributed Systems, SLO, SRE, TDD, Code Review, Design Docs

Languages

French | Native

English | Fluent