

# Christophe BALDY

+ 33 6 12 07 07 34 / [baldychristophe@gmail.com](mailto:baldychristophe@gmail.com)

[fr.linkedin.com/in/christophe-baldy/](https://fr.linkedin.com/in/christophe-baldy/) / [github.com/baldychristophe](https://github.com/baldychristophe) / [resume.christophebaldy.com](https://resume.christophebaldy.com)

## SUMMARY

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Software Engineer from a Business School education who has proved to be versatile and adaptative in technical and demanding environments. Well-acquainted with the development and maintenance of software in a large team to deliver high quality products at scale. Confident to take on responsibilities and create innovative solutions with the client or the user satisfaction as priority. Good communicator and easy-going with both non-technical collaborators and peers.

Looking for new challenges to keep on growing as a software engineer and ready to take on new responsibilities to put all my skills at use.

## PROFESSIONAL EXPERIENCE

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### Polyconseil

**Fullstack Software Engineer** – Full Time – March 2017 - August 2019, *Paris*

Python, Django, Javascript, Vue.js, Docker, PostgreSQL, RabbitMQ, Redis, S3, Elasticsearch

Backend and Frontend development for **Autolib'** and other industrial carsharing applications

Role:

- Draft of the product definition and specifications, development planning and time estimation
- Software development, **code review**, unit tests and integration tests writing, technical documentation writing
- Continuous development and integration, production deployment and production monitoring

Missions:

- Migration of the file storage backend from a Django web application using a nfs to a solution with S3
- Development of new pages in a large AngularJS SPA and the matching API in a Django backend
- Production monitoring of a large microservice application, mainly in Django, and investigation of bug tickets, using log aggregation tools (Splunk) or error reporting tools (Sentry)
- Development of a web application from scratch in Django leveraging the Django Admin as the client-facing interface
- Development of a web application from scratch with a responsive Vue.js SPA and a Django backend using a Rest API
- Development of a high load backend interface to receive (using RabbitMQ), handle (extract data from a Protobuf) and store (in Elasticsearch) the telemetry messages sent by more than 10,000 vehicles every minute
- Development of new features in a large application with a microservice architecture, requiring to manage several API migrations from different services
- Development of an integration test platform based on Docker containers and writing of integration tests (with Pytest)
- Maintenance of a CI/CD stack, using Jenkins and deployed with Ansible

### Wape.fr

**Start-up side project** – 2017/ 2018

Python, Django, PostgreSQL, Vue.js

Development of a full-fledged and responsive SPA web application in Vue.js with a Django backend using a Rest API to **stimulate and supervise remote work** in organizations

### CDH-IT

Partenor Groupe

**Backend developer** – Internship – June 2016 - Nov. 2016, *Paris*

PHP, Symfony2, MySQL, Javascript, JQuery – Main client : **ENGIE**

- Development of a customer space web application, with the integration of a payment processing software

### Crédit Agricole

CIB

**Sales and trading assistant** – Internship – May 2013 – April. 2014, *London*

Global Debt Market department, Credit and Liquid bonds trading team:

- Administration and financial reporting on electronic trading platforms (*Bloomberg*), with client-facing responsibilities

## EDUCATION

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**Programming and software development student** – Nov 2015 – Feb 2017, *Paris*

C, C++, PHP, UNIX – Level 13, 12 projects completed

- End-of-year project: Development of a *Bash-like* UNIX Shell in C

### ESCP Europe & City University

(double degree)

**Master in Management – Master's program "Grande Ecole"** – 2011- 2015, *Paris and London*

**Graduated with honors** – Major in Finance and Market Finance

- Economics, Accounting, Marketing, Corporate Strategy, Corporate Finance, Capital Markets, Financial Assets valuation
- Master's thesis: High Frequency Trading in global financial markets
- Highest Honors for a dissertation in Social Sciences and Humanities and published by the school

Lycée Sainte-Marie

**Preparatory Class for Business schools** with a major in Mathematics – 2009 - 2011, *Lyon*

Lycée Aux Lazaristes

French High School diploma with Highest Honors – 2009, *Lyon*

## TECHNICAL EXPERTISE

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Languages,  
Framework and  
Softwares

**Python, Django, Git:** 2 years of professional experience, used as main development tools on a large software  
**Javascript, Vue.js, SQL, PostgreSQL:** 2 years of professional experience, used on a regular basis as secondary languages  
**Excel, Powerpoint, Bloomberg:** 1 year of professional experience, used as main tools for financial applications  
**PHP, Symfony:** 6 months of professional experience, used as primary development tool on a large software

C, C++, VBA: used for several short (1 month) to medium-sized projects (< 6 months), either professionally or as a student

Other tools                      Docker, Unix, Sentry, RabbitMQ, Redis, S3, Elasticsearch

Open Source                      Public presentation at the 2018 French Django conference (*DjangoCong*) and at a Django Meetup Paris on the subject ‘*File storage with S3 and Django*’

## OTHER SKILLS AND EXPERIENCES

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**Languages**                      **French** – Native  
   **English** – Full proficiency

Volunteering                      1-month in a French NGO (Passerelles Numériques) providing free education to high school graduates – 2010, *Phnom Penh*  
Sport                                  **Football**, 12 years in a competitive team – **Ultra Trail**, 9:23 at the 2018 *Saintélyon* (81kms)  
   **Running**, 1:22 at the *Paris 2018 half marathon* – **Raid**, *CentraleSupelec* 2018 raid, and victory in the 4<sup>th</sup> stage