

# Christophe BALDY

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## SUMMARY

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**Software Engineer** – Backend and frontend web development – 4 **years** of professional experience – Available within 1 month

*Python, Django, Flask, JS, Vue.js, React, Typescript*

Versatile and adaptable, looking for new challenges in technical and demanding environments to keep on growing. 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. Easy-going and at ease to communicate with both non-technical collaborators and peers.

## PROFESSIONAL EXPERIENCE

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**Société Générale**      **Fullstack Software Engineer** – Full Time external contractor – October 2019 - *current, Paris*

*Python, Flask, JS, React, Typescript, SQLAlchemy, Elasticsearch*

Backend and Frontend development for **Coop**, a new *Société Générale* solution to finance mobile games and user acquisition

Missions:

- Development of a web application with a React SPA and a Flask/ SQLAlchemy Rest API
- Integration with internal API to access and expose banking services
- Integration with external API to retrieve and store mobile applications usage data (*Google, Facebook, Tenjin, Adjust*)
- Development of an application to extract and exploit data in financial contracts

**Polyconseil**      **Fullstack Software Engineer** – Full time employee – March 2017 - August 2019, *Paris*

*Python, Django, JS, Vue.js, Docker, PostgreSQL, RabbitMQ, Redis, S3, Elasticsearch, Ansible*

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, integration tests and technical documentation writing
- Continuous development and integration, production deployment and production monitoring

Missions:

- Development of a web application with a Vue.js SPA and a Django backend exposing a Rest API
- Development of a high-load application to receive, handle and store thousands of telemetry messages every minute
- Development and maintenance of a large multi-service application, and integration of production monitoring tools
- Development of an integration test platform orchestrating Docker containers
- Maintenance and development of a CI/CD stack to automatically test, build, release and deploy applications

**Wape.fr**      **Start-up side project** – 2017/ 2018

*Python, Django, PostgreSQL, JS, Vue.js*

Development of a full-fledged and responsive web application with a Vue.js SPA and a Django Rest API to serve as a HR solution to **organize, stimulate and supervise remote work** in organizations

**CDH-IT**      **Backend developer** – Full time internship – June 2016 - Nov. 2016, *Paris*

*Partenor Groupe*      *PHP, Symfony2, MySQL, JS, JQuery – Main client : ENGIE*

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

**Crédit Agricole**      **Sales and trading assistant** – Full time internship – May 2013 – April. 2014, *London*

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

- Administration and financial reporting on electronic trading platforms (*Bloomberg, Tradeweb, MarketAccess*)

## EDUCATION

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

*(double degree)*      **Graduated with honors** – Major in Finance and Market Finance

- Economics, Accounting, Marketing, Corporate Strategy, Corporate Finance, Capital Markets, Financial Assets valuation and derivatives
- 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*

## OTHER SKILLS AND EXPERIENCES

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| Open Source  | Public presentation at the 2018 French Django conference ( <i>DjangoCong</i> ) and at a Django Meetup Paris on the subject ' <i>File storage with S3 and Django</i> '   |
| Languages    | <b>French</b> – Native<br><b>English</b> – Full proficiency   |
| Volunteering | 1-month in a French NGO (Passerelles Numériques) providing free education to high school graduates – 2010, <i>Phnom Penh</i>  |
| Sport        | <b>Football</b> , 12 years in a competitive team – <b>Ultra Trail</b> , 9:23 at the 2018 <i>Saintélyon</i> (81kms) – <b>Running</b> , 1:22 at the <i>Paris 2018 half marathon</i> – <b>Raid</b> , <i>CentraleSupelec</i> 2018 (victory in the 4 <sup>th</sup> stage) and 2019 |