

Christophe BALDY

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SUMMARY

Software Engineer – Backend and frontend web development – **5 years** of professional experience

Python, Django, Flask, Javascript, Vue.js, React, Typescript, Docker, CI/CD, PostgreSQL

Expertise:

- Draft of product specifications, development planning, management of technical consistency and feasibility
- Software development, code review, unit tests, E2E tests and technical documentation writing
- CI/CD pipelines development, production deployment and production monitoring

PROFESSIONAL EXPERIENCE

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

Python, Flask, Javascript, React, Typescript, SQLAlchemy, Elasticsearch, Docker

Projects:

- Fullstack development on **Coop**, a new Société Générale solution to fund game development and user acquisition
- Fullstack development on **Contract Assistant**, an internal application to extract and validate data from legal documents

Technical achievements:

- Development of applications with React SPAs and Flask/ SQLAlchemy Rest APIs
- Integration with multiple internal APIs to access and expose banking services
- Development of a processing pipeline to read and extract data points from legal documents

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

Python, Django, Javascript, Vue.js, Docker, PostgreSQL, RabbitMQ, Redis, S3, Elasticsearch, Ansible, CI/CD

Projects:

- Fullstack development and maintenance on Autolib', a large carsharing application with over 100k rentals per week
- Fullstack development on a new carsharing B2B solution for industrial vehicles

Technical achievements:

- Development of web applications with Vue.js SPAs and Django Rest APIs
- 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

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

Python, Django, PostgreSQL, Javascript, Vue.js

Development of a web application to organize 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

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

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*'

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 *Saintétyon* (81kms) – **Running**, 1:22 at the *Paris 2018 half marathon* – **Raid**, *CentraleSupelec* 2018 (victory in the 4th stage) and 2019