

# Baptiste Bouchereau

WEB DEVELOPER AND DEVOPS ·

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## Summary

Software developer with over 7 years of experience in web development and DevOps technologies. Feel great satisfaction automating processes that increase companies' real added value. Deeply believes agile methodologies provide the best solutions and get the best from people. Learn new things whenever I can, and use it to come up with ingenious solutions.

## Skills

<b>Programming</b>	PHP, Node.js, Python, SQL, Shell script
<b>DevOps</b>	AWS, Docker Swarm, Kubernetes, Terraform, Gitlab, Ansible, Elasticsearch - Logstash - Kibana
<b>Infra</b>	Nginx, Apache, Varnish, Traefik
<b>Back-end</b>	Symfony, Laravel / Lumen
<b>Front-end</b>	Vuejs, React / React Native, Webpack, Gulp, Grunt, Bootstrap, Foundation, HTML 5 and CSS 3
<b>Languages</b>	French, English

## Professional experience

### Pixieset

FULL TIME EMPLOYEE - FULLSTACK DEVELOPER

*Vancouver, BC, Canada*

*April. 2021 - Present day*

Development of online stores and studio management software tools for photographers

- Developed REST APIs in PHP with the Laravel framework
- Built user interfaces with VueJs and Vuex
- Reviewed code to ensure its quality and conformity with Pixieset standards
- Monitored infrastructure to find potential issues using tools such as Sentry, NewRelic, Rapid7.

### Dynabuy

FULL TIME EMPLOYEE - FULL STACK DEVELOPER & DEVOPS

*Nantes, France*

*July. 2020 - Jan. 2021*

Development of Dynabuy services

- Dockerized the development environment to mirror the production one
- Improved code quality standards by setting up continuous integration with travis
- Integrated soap web services from a Sage X3 ERP to simplify operating tasks
- Reduced paperwork by setting up Docusign to manage new contracts
- Developed new features using PHP (Symfony 4 framework), Javascript, Webpack, Sass

### Afone

INDEPENDANT CONTRACTOR AT IDCI-CONSULTING - SYSTEM ADMINISTRATOR

*Angers, France*

*Oct. 2019 - Feb. 2020*

Automation of various sysadmin tasks with Ansible

- Developed customised Ansible modules and filters in Python
- Configured various network tools (f5 bigip load balancers, vcenters) with Ansible
- Upgraded and secured hundreds of VMs running on Centos (version 5, 6 and 7) hosting software such as mongodb, redis, mysql, tomcat, nginx, etc.
- Improved usability and sped up Ansible adoption by setting up Ansible AWX
- Trained Afone employees on Ansible and AWX

### CommonLedger

FULL TIME EMPLOYEE - WEB ENGINEER & DEVOPS

*Wellington, New Zealand*

*Nov. 2017 - Mar. 2019*

Scrum-based development of an accounting data aggregator

- Developed the aggregator in PHP with the Lumen framework
- Maintained and upgraded the server infrastructures of Common Ledger customers under AWS with Terraform
- Migrated the development environment running on Vagrant to Docker. Mocked AWS with Localstack
- Migrated the production servers to Docker with ECS
- Developed lambdas functions in NodeJS and Python
- Wrote end-to-end tests in NodeJs with Puppeteer and Mocha

## **IDCI-Consulting**

PARTNER

Villeurbanne, France

Sept. 2015 - April 2020

### **Web development and system administration on various projects**

- Collected needs, wrote specifications, developed, deployed and maintained applications on behalf of customers working from various activity areas
- Developed multiple applications and bundles with the Symfony 2 PHP framework
- Created Mappyourstories, a prototype to create customizable subway maps in collaboration and real time, with the MeteorJS framework
- Created a Etherpad-lite management platform using Symfony 2 as well as Etherpad-lite plugins in NodeJS for the ENS Lyon
- Created an application to manage patents as well as help in decision making for Dynergie Group
- Continuously improved the company internal tools: set up a continuous integration platform with Gitlab and Gitlab-CI, introduced a new way to develop applications with Docker and Docker-compose, improved deployments leveraging Ansible

## **Tessi Marketing services**

Voisin-les-bretonneux, France

INDEPENDANT CONTRACTOR AT IDCI-CONSULTING - SYMFONY 2 DEVELOPER / ANALYST

Sept. 2016 - Oct. 2017

### **Mission as a web developer for the redesign of Tessi's marketing information system**

- Tessi is a french company providing document automation solutions, payment systems and promotional marketing
- Trained Tessi Marketing Services employees on the Symfony 2 framework
- Created a SVG editor in JavaScript for a marketing operation
- Created an editor with Vuejs and Webpack to allow Tessi operators to easily create offer participation processes
- Developed several Symfony 2 bundles

## **Carglass**

INDEPENDANT CONTRACTOR AT IDCI-CONSULTING - SYMFONY 2 DEVELOPER / ANALYST

Courbevoie, France

Feb. 2016 - Aug. 2017

### **Mission at Carglass as part of the team redesigning the backend for the new website**

- Carglass is France's leading vehicle glass repair and replacement group
- Designed and developed backend APIs with Symfony 2
- Industrialized deployments with Ansible
- Used the Oracle DBMS with Doctrine 2

## **Claude Bernard University Lyon 1**

TEACHER IN E-BUSINESS LICENCE

Villeurbanne, France

School years 2015 and 2016

### **Teacher at the University (28 hours course)**

- Taught E-commerce website development with the Prestashop CMS
- Taught basics about HTML and CSS languages

## **The Latest**

INTERN

Santa Monica, California

Jul. 2014 - Sept. 2014

### **Intern for 3 months at The Latest**

- Participated in the design and development of a news website
- Trained the intern team on the Symfony 2 framework

## **IARC - International Agency of Research on Cancer**

INTERN

Lyon, France

Dec. 2011 - Fev. 2012

### **Intern for 12 weeks at the IARC**

- Designed and developed an electronic lab book for the agency scientific teams with the WordPress CMS

# **Education**

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## **CPE Lyon**

CPE ENGINEERING DEGREE IN NETWORK, COMPUTER SCIENCES AND TELECOMMUNICATIONS

Lyon, France

(3 YEARS TRAINED IN PARALLEL WITH A PART TIME POSITION AT IDCI-CONSULTING)

Sept. 2012 - Sept. 2015

## **Cambridge certificate**

CAE CERTIFICATE - ENGLISH LEVEL C1 (EFFECTIVE OPERATIONAL PROFICIENCY)

Lyon, France

Sept. 2012 - Sept. 2015

## **Claude Bernard University Lyon 1**

2-YEAR UNIVERSITY DIPLOMA (DUT) IN COMPUTER SCIENCES

Villeurbanne, France

Fevr. 2010 - Fevr. 2012

## **Briacé High School**

FRENCH HIGH-SCHOOL SCIENTIFIC DIPLOMA

Region of Nantes, France

Sept. 2009

## Personal projects

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- 2020 **Log analysis dashboard:** Built a dashboard using the Elasticsearch / Logstash / Kibana stack to analyze the http traffic resulting from my personal blog
- 2020 **Expenses categorizer:** Built an application to import and categorize financial transactions. Leveraged the ELK stack to analyze the data.
- 2019 **Docker swarm & Kubernetes:** Setup of a Kubernetes cluster on AWS with Terraform along with a Docker Swarm cluster to compare these 2 orchestration solutions as well as host my applications
- 2018 **Learn Vocabulary mobile application:** Developed a mobile application in React Native to help people learn new words in other languages
- 2016 **Happy Birthday:** Created a mini scratch game to celebrate birthdays in an original way using CreateJs
- 2015 **Learn Vocabulary:** Created a vocabulary revision application with Symfony2 (upgraded to Symfony 3 then 4) to help people learn new words in other languages