

Quentin Barbosa

BACKEND ENGINEER · 10 YEARS OF EXPERIENCE

Lille, France

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Experience

LearnEnjoy (social utility company)

Paris, France

TECH LEAD

Jan. 2023 - Today

- Technical referent within the company, member of the management committee.
- "Bien à l'École": technical design and production of educational applications with our EdTech partners.
- Interoperability: provision of pedagogical applications to compatible LMSs with the LTI standard.
- Co-building features and roadmap with the new product team. SCRUM mastering.
- Recruitment and mentoring within a full stack team of 6 people.
- Technical stack: Ruby on Rails, Flutter, ExpressJS, Bash, MySQL, Elastic, Redis, Linux, Vagrant, Ansible.

BACKEND ENGINEER / DEVOPS

Dec. 2021 - Jan. 2023

- Development and maintenance of the backoffice dedicated to teachers, healthcare professionals and school heads.
- Interoperability: provision of pedagogical applications on the French National Education catalog within their GAR portal.
- Maintenance of development servers and virtual machines.
- Technical stack: Ruby on Rails, ExpressJS, Bash, MySQL, Elastic, Redis, Linux, Vagrant.

Believe Music

Paris, France

LEAD DEVELOPER

June 2020 - Dec. 2021

- Technical referent of "Data Music", a web application exposing music streaming data to artists and label managers.
- Analysis, retro-documentation, evolution and maintaining of existing application.
- Step by step transformation of an old monolithic system into a micro-services architecture (API, BFF, micro-apps).
- Co-building features and roadmap with the product team.
- Recruiting and mentoring in a full stack team of 9 people.
- Technical stack: PHP, MariaDB, SvelteJS, Java, Docker.

BACKEND DEVELOPER

Oct. 2018 - June 2020

- Evolution and maintaining of a data ingestion pipeline (+ than 500M of lines per day).
- Transformation of the old inadequate system into a cloud ETL system (AWS/Azure).
- Building of APIs allowing to transition between the legacy system and the cloud ETL.
- Technical stack: PHP, Bash, MariaDB, AWS (Lambda, S3, SQS), Azure (Synapse), Airflow.

Sikana Education (NGO)

Paris, France

BACKEND DEVELOPER / DEVOPS

Jan. 2016 - May 2018

- Development of www.sikana.tv, a platform where educational videos are available for free in 10 languages.
- Development of factory.sikana.tv, a collaborative platform where volunteers are able to translate and subtitle videos.
- Virtual machines administration, continuous integration, deployment, and various tasks automation for video production.
- Management of technical partnerships with other international NGOs to make the content available in disconnected places.
- Technical stack: PHP (Symfony 2), Python, MariaDB, Vagrant, Puppet, Git, Capistrano, Jenkins.

Gfi Informatique

Orléans, France

DEVELOPER

Sept. 2015 - Dec. 2015

- Conception and development of PHP applications for the customers Thalès Air Systems and GLI biométrie.

Easyflyer (Cimpress group)

Orléans, France

WEB DEVELOPER (STUDY CONTRACT, THEN FULL TIME CONTRACT)

Nov. 2013 - Aug. 2015

- Full stack development of easyflyer.fr, invite1chef.com, and kwikydeco.com e-commerce websites with Magento framework.

Technical Skills

Programming languages PHP, Ruby, Python, Bash

Frameworks Symfony, Rails, Django

Database MySQL / MariaDB, Redis, Elastic

Server Linux, Docker, Ansible, Vagrant, Puppet, Nginx, Apache2

Other tools Git, Capistrano, Jenkins, \LaTeX

Languages

French Mother tongue

English Full professional proficiency (European level C2)

Education

University of Orléans

Orléans, France

LICENSE DEGREE: WEB, NETWORKS, AND MOBILITY

2013 - 2014

- Web: learning of web development basics (HTML/CSS/JS) and frameworks such as Django and Symfony.
- Mobility: Responsive design and Android development.

TECHNICAL UNIVERSITY DEGREE IN A YEAR: COMPUTER SCIENCE

2012 - 2013

- Modeling languages, Object oriented programming, Bash scripts, Databases

University of Technology of Compiègne

Compiègne, France

GENERAL SCIENTIFIC TRAINING AND COMPUTER SCIENCES

2008 - 2012

Extracurricular Activity

Latitudes.cc, Tech for Good Explorers

Paris, France

VOLUNTEER AS "TEAM PROTECTOR"

Oct. 2017 - June 2018

- Helping and managing engineering students projects for associations and social entrepreneurship.

OpenDemocracyNow Hackathon

Paris, France

CONTRIBUTOR

June 2016

- Contributed to the tool cocorico.cc: a blockchain based online voting tool.