# Quentin **Barbosa**

BACKEND ENGINEER · 8 YEARS OF EXPERIENCE

*31 Rue Saint Sébastien, 59800 Lille, France*

☐ (+33)6-21-00-14-68    |    ✉ quentin.barbosa (at) protonmail.com    |    ☐ qbarbosa    |    ☐ quentin-barbosa

## Experience

### Believe Music                                                                 *Paris, France*
LEAD DEVELOPER                                                                    *June 2020 - Today*
- 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, Scala, Spark.

### 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, Python, Bash
**Frameworks** Symfony, Grav, Django
**Database** MySQL / MariaDB, Redis
**Server** Linux, Docker, Vagrant, Puppet, Apache2
**Other tools** Git, Capistrano, Jenkins, LaTeX

## Languages

**French** Mother tongue
**English** Full professional proficiency (European level C1)

## Education

### University of Orléans                                                        *Orléans, France*
LICENSE DEGREE: WEB, NETWORKS, AND MOBILITY                                       *2013 - 2014*
- Programming contest of the University of Orléans: Winning team.

TECHNICAL UNIVERSITY DEGREE IN A YEAR: COMPUTER SCIENCE                           *2012 - 2013*
- National 24h programming contest: Finalist team.

### University of Technology of Compiègne                                        *Compiègne, France*
GENERAL SCIENTIFIC TRAINING AND COMPUTER SCIENCES                                 *2008 - 2012*