Quentin **Barbosa**

BACKEND ENGINEER · 8 YEARS OF EXPERIENCE

Lille, France

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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*