Quentin **Barbosa**

BACKEND ENGINEER · 8 YEARS OF EXPERIENCE

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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.
- Recruiting and mentoring in a full stack team of 9 people.
- Co-building features and roadmap with the product team.
- Study, retro-documentation, evolution and maintaining of existing web application.
- Step by step transformation of an old monolithic system into a micro-services architecture (API, BFF, micro-apps).
- 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*

- Developed www.sikana.tv, a platform where educational videos are available for free in 10 languages.
- Developed factory.sikana.tv, a collaborative platform where volunteers are able to translate and subtitle videos.
- Integrated Sikana's public API in partnership with Learning Equality, to make the content available in disconnected places.
- In charge of virtual machines administration, continuous integration, and deployment.
- 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*

- Developed easyflyer.fr, invite1chef.com, and kwikydeco.com e-commerce websites (front and back office) using Magento platform.

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*