Rodolfo Ripado

Experienced Tech Lead / Web Architect

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Work Experience

Since July 2016

Tech Lead / R&D Engineer, *Radio France*

- Leading small teams in building scalable, performant and resilient products in a variety of programming languages (NodeJS, PHP, Python, Go) and technologies (PgSQL, Cassandra, RabbitMQ, Docker, Ansible, Amazon & Google clouds…)
- Main project : a data pipeline to aggregate, parse and normalize all the data broadcasted through the seven public radio stations.
- R&D prototyping with the innovation department at RadioFrance

Jan. 2016 to June 2016

R&D Engineer, *NES - Network Engineering & Security*

- Tech Lead on the NES Smart Security project (NSS) : a real-time, distributed, log aggregation pipeline, combined with a proprietary intrusion detection system.
- Tech stack : Python, NodeJS, Kafka, MongoDB, Elastic Search, Ansible.

Feb. 2015 to Dec. 2015

Head of software development, *Le Monde*

- Manager of the 3 development teams for one of the biggest digital press platforms in France (~30 developers and lead developers, for web and mobile devices).
- Defining web architecture guidelines for performance, resilience and maintainability

Oct. 2013 to Jan. 2015

Deputy head of software development, *Le Monde*

- Architect and manager of the web development team (~10 developers).
- Building an agile and DevOps culture within the technical team.
- Main tech stack : PHP, NodeJS, PostgreSQL, Redis

Jan. 2011 - Sept. 2013

Senior PHP & DevOps consultant, *Alterway*

- Web architecture and performance, mostly in within the PHP ecosystem (Symfony, Drupal, …).
- Streamlining development through continuous testing, integration and deployment.
- DevOps tooling and culture.

2010

Research Engineer, *Verimag Research Labs (CNRS)*

- Development of multiple single page applications and websites for a team of robotics researchers.

2007 - 2010

Freelance developer

- Freelance developer of PHP/Javascript based applications and websites.

Open source contributions

Since 2008

Open source project contributor

- Whenever possible I free the code of the tools I use and develop on Github.
- Most of my personal projects gravitate around Data-Science, Machine-Learning, and Automation tooling.
- GitHub Profile : https://github.com/gaspaio

2013 - 2014

Active member of the board of the AFUP *(French federation of PHP users)*

- Joint-secretary of the association and member of the organizing board for the Forum PHP : the main PHP related conference in France.

Education & Certifications

Since 2013   *Continuous education through MOOCs (Coursera, EdX)*
- Main topics: machine learning, statistics / data science, Music information extraction

April 2015   *Cloudera Certified Developer for Apache Hadoop (CCD-410)*

1997 - 2002   *Electronics engineer degree, major in robotics and automation*

Main Technical skills

Languages & frameworks	Python, Javascript/NodeJS (Express, React), PHP (Symfony), Go, Ruby
DevOps & Automation	Docker, Ansible, Puppet, Jenkins, Rundeck
Storage, Search, Big Data	ElasticSearch, PostgreSQL, Cassandra, Kafka, MongoDB
Data science tooling	Python (Numpy, Pandas, Scikit-Learn, NLTK), R
Agility	Scrum, Lean, XP, Test & Behavior driven design, continuous integration & deployment

Languages

Portuguese	Native speaker
French	Bilingual
English	Fluent

Hobbies & Interests

Old films, progressive rock and all sorts of sports.