

Work Experience

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| Since
July 2016 | <i>Tech Lead / R&D Engineer, Radio France</i> <ul style="list-style-type: none">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...)R&D prototyping with the innovation department at RadioFrance |
| Jan. 2016
to
June 2016 | <i>R&D Engineer, NES - Network Engineering & Security</i> <ul style="list-style-type: none">Tech Lead on the NES Smart Security project (NSS), a proprietary network intrusion detection engine and a high performance distributed log aggregation and correlation engine.Main tech stack : Python, NodeJS, Kafka, MongoDB, Elasticsearch, Ansible. |
| Feb. 2015
to
Dec. 2015 | <i>Head of software development, Le Monde</i> <ul style="list-style-type: none">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).High level web architecture design for performance, resilience and maintainability |
| Oct. 2013
to
Jan. 2015 | <i>Deputy head of software development, Le Monde</i> <ul style="list-style-type: none">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
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Sept. 2013 | <i>Senior PHP & DevOps consultant, Alterway</i> <ul style="list-style-type: none">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 | <i>Research Engineer, Verimag Research Labs (CNRS)</i> <ul style="list-style-type: none">Development of multiple single page applications and websites for a team of robotics researchers. |
| 2007 - 2010 | <i>Freelance developer</i> <ul style="list-style-type: none">Freelance developer of PHP/Javascript based applications and websites. |

Open source contributions

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| Since 2008 | <i>Open source project contributor</i> <ul style="list-style-type: none">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 | <i>Active member of the board of the AFUP (French federation of PHP users)</i> <ul style="list-style-type: none">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	<i>Continuous education through MOOCs (Coursera, EdX)</i> <ul style="list-style-type: none">• Main topics: machine learning, statistics / data science, Music information extraction
April 2015	<i>Cloudera Certified Developer for Apache Hadoop (CCD-410)</i>
1997 - 2002	<i>Electronics engineer degree, major in robotics and automation</i>

Main Technical skills

Languages & frameworks	Python, Javascript/NodeJS (Express, React), PHP (Symfony), Go, Ruby
DevOps & Automation	Docker, Ansible, Puppet, Jenkins, Capistrano
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.