

# Mickaël Vieira

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## Professional Objective

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I am looking for a company where I can contribute my skills and experience to help the organisation achieve its technical goals and objectives. I am passionate about bringing software solutions to the company, the team and the customers. I am open-minded and work well in a team and autonomously. I am comfortable with taking on new challenges and I can work with a wide range of applications.

## Technical Skills

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### Back-end Technologies

<b>Languages</b>	<b>PHP</b> (11 years), <b>SQL</b> , <b>Bash</b> , <i>I am currently learning Node.js</i>
<b>Frameworks</b>	<b>Symfony</b> 2, Doctrine 2, Eloquent, <b>Zend Framework</b> 1/2, <i>Express.js</i>
<b>Testing</b>	PHPSpec, PHPUnit, Behat
<b>Tools</b>	Composer, Vagrant, Puppet, Docker, npm
<b>Servers</b>	Apache2, Nginx
<b>Databases</b>	<b>Redis</b> (2 years), <b>ElasticSearch</b> (2 years), MySQL (11 years)
<b>Continuous Integration</b>	Travis, Jenkins, GitLab, Github, CodebaseHQ, DeployHQ
<b>Version Control</b>	Git, Mercurial, Subversion

### Front-end Technologies

<b>Languages</b>	<b>Javascript</b> (11 years), <b>ES6</b> , <b>HTML</b> 4/5 (11 years), <b>CSS</b> 2/3 (11 years), SASS (2 years)
<b>Frameworks</b>	<b>React.js</b> , <b>Backbone.js</b> , Bootstrap.css, Foundation.css
<b>Libraries</b>	<b>Babel.js</b> , <b>Browserify.js</b> , jQuery.js, Lodash.js, Modernizr.js, Require.js, Underscore.js
<b>Testing</b>	Jasmine BDD
<b>Tools</b>	Gulp, Grunt, Bower

## Employment History

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### Web Developer – School Explained – London (UK)

Since April 2015 (Contract)  
[www.schoolexplained.co.uk](http://www.schoolexplained.co.uk)

I developed several reports with **React.js** to display different projections of a large set of data provided by the assessment application [Learning Ladders](#). Those reports allow teachers to process and filter the pupils' scores but also highlight the children's progression throughout the years.

I was responsible to help the company modernize the general workflow on both the front end and the back end by introducing techniques such as **unit testing** and **build automation**.

I improved the maintainability and scalability of the software by converting the existing multiple instances application into a multi-tenant application. I successfully migrated the codebase from an outdated PHP framework to a **Symfony**-like application without interrupting the business. Those various changes allow the technical team to deploy the software easily and more frequently.

I also conducted interviews for hiring new team members.

*Technologies: PHP, MySQL, Symfony 2, Doctrine 2, Yii 1, PHPSpec, PHPUnit, Javascript, jQuery, React, Backbone, Jasmine, CSS/SASS, Gulp, Git.*

## **Web Developer – Elevate – London (UK)**

*Nov. 2014 – Mar. 2015 (Contract)*

[www.sunny.co.uk](http://www.sunny.co.uk)

Elevate, formerly Think Finance, is a consumer finance company providing loans to their customers through the leading and innovative web application Sunny.

As the regulation had evolved and allowed credit companies to sell a new financial product from the 1<sup>st</sup> of January 2015, I joined Elevate Credit International to strengthen the team and help them become the UK's first credit organisation that provides the new product to their customers.

My role was to apply my knowledge and experience of Zend Framework and help the company achieve its technical objective. I improved the customer account in order to comply with the new financial product and I also created a secure module to manage members' permissions in the application.

*Technologies: PHP, MySQL, Zend Framework 1, Selenium, PHPUnit, Javascript, jQuery, CSS/SASS, Grunt, SVN.*

## **Web Developer – Intu Digital – London (UK)**

*Feb. 2013 – Oct. 2014*

[www.intu.co.uk](http://www.intu.co.uk)

As the digital entity of Intu Properties plc, owner of 18 shopping centres across the United Kingdom, Intu Digital manages the group's digital marketplace and online shopping centre. I joined the company during the development of the first phase of a Content Management System based on Zend Framework 2.

I developed a custom messaging application based on the Magento platform in order to improve the customer relationship management. The system allows the 3 parties involved in the sales process, the customers, the retailers and the customer care team to contact each other and to track the orders.

I built an Application Programming Interface (API) in order to abstract, optimise and scale the interactions between the Symfony 2 website and Magento such as the basket and customer account management.

I developed an application to real-time synchronise a large Magneto catalogue with Elasticsearch using Symfony 2 and Redis as a message queue. The work was done as the Magento catalogue could not scale as we would have liked and this helped us cleanly abstract our website from the e-commerce platform.

*Technologies: PHP, MySQL, Symfony 2, Doctrine 2, Zend Framework 2, Magento, Behat, PHPSpec, PHPUnit, Javascript, jQuery, RequireJS, Backbone, CSS/SASS, Git, Mercurial, Redis, Elasticsearch.*

## **Web Developer – Story Worldwide – London (UK)**

*May 2012 – Jan. 2013*

[www.storyworldwide.com](http://www.storyworldwide.com)

Story Worldwide (recently acquired by Aesop) is an advertising company that provides digital strategies in order to help brands to connect to their consumers.

I joined the company as a front-end developer however, due to my extensive skills, I was working as a full stack developer. My role within the agency was also to provide support to the creative team by bringing my expertise in web technologies.

I developed a Javascript web application, involving third party APIs such as Facebook, Twitter and Instagram in order to promote Westfield Shopping Centres. The creative competition between both London's malls had attracted people's attention and increased the brand's visibility.

I also developed a Facebook application to promote the Italian photographic equipment maker Manfrotto in order to build the brand recognition. The digital campaign was part of a global communication strategy and helped Manfrotto gain notoriety in the United Kingdom.

*Technologies: PHP, MySQL, Zend Framework 2, Javascript, jQuery, Facebook API, Git, CSS.*

## **Web Developer – Net Design – Annecy (France)**

*Feb. 2009 – Apr. 2012*

[www.agencenetdesign.com](http://www.agencenetdesign.com)

Net Design Agency is one of the largest digital agencies in the Geneva area. It creates a diverse range of business specific web applications and e-commerce websites for small to large businesses.

As an active member of the technical team, I was involved in the development of an innovative Content Management System based on Zend Framework 1 and prototype.js. The specificity of our solution was its ability to generate websites on demand. We were able to provide to our clients a simple and easy way to manage their multilingual websites over multiple domains.

I designed and developed for one of our client, a gas maintenance company, a REST-like webservice in order to enhance the billing management system. This work was done as our client wanted to provide online information to its customers and the existing business application could not communicate over the Internet. I thereafter created the customer account and the payment interface that allowed hundreds of customers to pay off their invoices.

I developed for the brand Perene, one of largest French kitchen designers, a store locator based on Google Map. The application allowed customers in Europe to locate the closest store in their residential area.

*Technologies: PHP, MySQL, Zend Framework 1, Magento, Flash AS3, Javascript. jQuery, Prototype, GoogleMap API, CSS, Subversion.*

## **Flash Developer – DDB Nouveau Monde – Annecy (France)**

*Oct. 2007 – Dec. 2009*

[www.ddb-nouveau-monde.com](http://www.ddb-nouveau-monde.com)

As part of DDB Worldwide Communications Group Inc., one of the world's largest advertising holding companies, DDB Nouveau Monde develops international marketing strategies and creates worldwide communication campaigns.

I joined the agency as a Flash developer. I was developing interactive games and websites based on the Adobe Flash platform to promote tourist brands across European Market.

The agency outsourced the development of larger projects in Vietnam and I was in charge of supervising the remote team from a technical perspective.

*Technologies: Flash AS2 & 3, HTML4, CSS2, Javascript, Youtube & Google Analytics API, PHP, Mootools, Subversion.*

## **Education**

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- 2010: **Developer Training**, Magento Academy, Paris, France
- 1999 – 2004: **Master in Information Technology and Language Education**, Grenoble University, France

## Interests

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- **Mentorship:** I like mentoring and teaching and I attend occasionally [codebar.io](https://codebar.io) events.
- **Programming:** I read many books and blog posts about programming and technology such as *Clean Code* and *Clean Coder* by *Robert C Martin*, *Extreme Programming Explained* by *Kent Beck*. I am currently reading *Domain Driven Design* by *Eric Evans*.
- **Culture:** I am music lover, I also enjoy photography, I like artists such as *Diane Arbus* or *William Klein*.
- **Sports:** I grew up and lived in Northern Alps. I have been practising hiking and skiing since I was a child.