Kévin Gomez Pinto

Software Engineer

My name is Kévin and I am a software engineer specialized in backend applications. I started web development as an autodidact in 2008 and acquired a strong knowledge and expertise in this field over time.

Software quality, scalability and Service Oriented Architecture are subjects that fascinate me. I do my best to improve myself in these fields but I also try to open my perspective to other domains like compilation and static analysis.

Generally speaking, I love working and sharing on topics related to software architecture and software quality. I like to see myself as a passionate developer, an Open Source enthusiast and an eternal learner.

Work Experience

April 2015
3 years

Software engineer, *TEA – The Ebook Alternative*, Lyon, France – Barcelona, Spain (remote).
TEA builds a platform allowing booksellers to sell e-books.
As a member of the development team I took part in the development and maintenance effort of the 20+ projects composing the platform. Most of the platform is written in PHP and relies on frameworks such as **Symfony**, **Silex**, … except for the metadata server which is a **distributed application** written in **Ruby** and **Sidekiq**.
When relevant, technologies like **Elasticsearch**, **RabbitMq** or **Redis** are also used.
In addition to the development of the platform, I was also deeply involved in the **conception** of new features, their **architecture**, and their integration in the product.
My involvement in these areas is particularly visible in one project that I have been responsible for: PNB ("Prêt Numérique en Bibliothèque", Digital Loans in Library), for which I **led a team** of developers during both the conception and development effort.

January 2017
6 months

Teacher, *Université d'Auvergne, Clermont-Ferrand I*.
Alongside my everyday job at TEA, I taught two classes at Clermont-Ferrand I university. I started the semester with **PHP** classes and practicals in which we studied the basics of contemporary web application development. In the second class, I introduced the **Symfony** framework and some of its most used components. During these two classes, we had a strong **focus on software quality**, best practices, and tests.

August 2010
5 years

Freelance Developer.
While studying, I worked on web applications as a **freelance developer**. Most of my work consisted in developing web applications based on **Symfony2**, **Doctrine** and **Redis**. I also had the opportunity to use a few **devops** tools such as **Vagrant** and **Puppet** to provision development environments.

April 2014
4 months

Web Developer, *Kryzalid*, Montréal, Canada.
During this 4-months internship in **Montréal**, I maintained and developed new features for an homemade CMS used by real estate brokers. As several design and security flaws were discovered in the API used by the CMS, we decided to progressively rewrite it in Symfony. The rewrite was the perfect occasion to provide a full test-suite written with **Behat**.

April 2011
16 months

Web Developer, *Carpe Hora*, Clermont-Ferrand, France.
My job at Carpe Hora was to contribute to the development of a **web based calendar** which aimed at facilitating the appointment making process for professionals: our clients were doctors, hairdressers, beauticians…The project used symfony 1.4 and the calendar heavily relied on **Backbone.js** through a **REST-like API**.

Open Source

Since September 2016	**PHPSA**, *Contributor*. https://github.com/ovr/phpsa PHPSA is a development tool aimed at bringing complex analysis for PHP applications and libraries. My firsts contribution where simple bug-fixes and features. After a few of them, I started to work on more interesting features with deeper consequences on the codebase.
Since May 2016	**Rusty**, *Main developer*. https://github.com/K-Phoen/Rusty The primary way of documenting a Rust project is through annotating the source code. These annotations can be viewed as part of the documentation, but they can also be compiled and executed. Rust developers call that "documentation as tests"… and their documentation is a goldmine! Rusty is an attempt at implementing the same idea in the PHP world.
Since January 2015	**RulerZ**, *Main developer*. https://github.com/K-Phoen/rulerz PHP implementation of the Specification pattern which puts the emphasis on three main aspects: ○ A data-agnostic DSL to define specifications, ○ the ability to check if a candidate object satisfies a specification, ○ the ability to filter or query any data-source to only retrieve candidates matching a specification. This project gave birth to severals talks, see "Be specific": http://blog.kevingomez.fr/talks/
October 2013 *3 years*	**VichUploaderBundle**, *Main maintainer*. https://github.com/dustin10/VichUploaderBundle VichUploaderBundle is a bundle that attempts to ease file uploads that are attached to ORM entities, MongoDB ODM documents, PHPCR ODM documents or Propel models. I started by fixing bugs and ended up maintaining the project.

Featured Skills

PHP	**Symfony**, Silex, Doctrine, **PHPUnit**, phpspec, **Behat**	*Ruby*	**Rails**, Active Record, **RSpec**, **Sidekiq**
(R)DBMS	MySQL, Elasticsearch, Redis	*Tools*	**Git**, vim, LaTeX, Docker, ELK, **RabbitMq**
OS	**Debian**, ArchLinux	*In Progress*	Learning Rust and Go

Languages

French	Native speaker	*Spanish*	Professional working proficiency
English	Professional working proficiency		

Activities and Interests

Sports	Squash, Running, Hiking, Geocaching	*Leisure*	Reading, Board games, Travel
Computer Science	Regular contributions to Open-Source projects and conferences		

Education

2015	**Master**, *Université Blaise Pascal, Clermont-Ferrand II*. Equivalent to a Master's Degree in Computer Science
2013	**Licence**, *Université d'Aix-Marseille*. Equivalent to a Bachelor's Degree in Computer Science
2011	**Diplôme Universitaire Technologique (DUT)**, *Université d'Auvergne, Clermont-Ferrand I*. Equivalent to a Two-year University Diploma in Computer Science

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