

Julien JANVIER

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Freelance Software Engineer with 14 years of experience, I like to develop the right thing, the right way. I'm passionate about TDD, XP, DDD, decoupled architectures and agile & devops philosophies.

Experience

- Freelance, customer Edflex, Senior Software Engineer** **Jan 2022 – June 2022**
- Built a *json:api* API for partners and customers of the learning SaaS platform Edflex.
 - Stack: PHP, Symfony, MySQL, XP, TDD
- Freelance, customer Convelio, Senior Software Engineer** **Jan 2021 – Sep 2021**
- Refactored some legacy parts of the art logistics SaaS platform Convelio. Developed new features. Migrated of the email system to Mailjet.
 - Stack: PHP, Laminas, MySQL, Datadog, XP, TDD
- Freelance, customer Smallable, Akeneo Integrator** **Aug 2020 – Dec 2020**
- Integrated the PXM platform Akeneo into Smallable information system.
 - Stack: PHP, Symfony, MySQL, Elasticsearch, XP, TDD
- Akeneo, Chapter/Staff Engineer** **2018 – Jul 2020**
- Lead 3 squads toward SaaS, representing a total of 15+ engineers in direct collaboration with the CTO.
- Turned an on-premise 700K LoC application into a SaaS compatible one. From one quarterly manual release (3 weeks long, performed by 5 persons) to one semi automatic release by week (2 hours long, performed by 1 person).
 - Fixed stateful problems (sessions, files storage)
 - Dockerized and unified the tech stack, from developers' machines to QA and prod envs.
 - Built a continuous delivery pipeline allowing daily deployments.
 - Implemented a feature flag system for both frontend and backend.
 - Reorganized a 700K LoC application to better serve the business needs and the 3 squads organization's. Used DDD strategic patterns. Conducted workshops with Product Managers and Head of Product.
 - Migrated the handmade CI pipeline to Circle CI. Improved build time by 500%. Improved MTBF drastically.
 - Stack: PHP, Symfony, Circle CI, Docker, Continuous Integration, Continuous Delivery, XP, TDD, DDD
- Akeneo, Lead Developer** **2016 – 2017**
- Redesigned the core [catalog modeling system](#) in Akeneo PIM to be able to handle complex products
 - Redesigned the product storage and search system in Akeneo PIM
 - Unified two different storage systems (MongoDB vs MySQL) into one (MySQL with JSON values for the products' flexible part)
 - Implemented a search products system with Elasticsearch
 - Defined the training program for 20+ engineers. Planned sessions about testing, decoupled architectures and DDD.
 - Stack: PHP, Symfony, MySQL, Elasticsearch, MongoDB, XP, TDD, BDD, DDD
- Akeneo, Software Engineer** **May 2014 – 2015**
- Developed many features on Akeneo PIM
 - Stack: PHP, Symfony, MySQL, MongoDB, XP, TDD, BDD
- Apisde, customer Royal Canin, Software Engineer** **2012 – Apr 2014**
- Released an application used by Royal Canin's Packaging department to automate the packaging production process for all of the brand's products
 - Stack: PHP, Symfony, MySQL, TDD, BDD
- Wordline, Software Engineer** **2010 – 2011**
- Implemented strong authentication modules for new banks
 - Redesigned applications to significantly strengthen the encryption of sensitive data (use of 3DES and AES encryption algorithms)
 - Participated in security audits as a developer interviewed on the "top 10 OWASP" project

- Stack: Java/J2EE, JSP, Spring

Atos, Software Engineer

2008 – 2009

- Customer European Commission:
 - Customized OpenSource PHP collaborative tools (Mediawiki, phpBB, Wordpress)
 - Developed, tested and administrated the PHP Drupal content management system
- Customer Groupama:
 - Migrated an insurance company data under Oracle using SQL and Java

Opensource & Personal Projects

TDD.sh

2021 – present

Creator of [TDD.sh](#), a simple opensource CLI tool written in Go to enforce the TDD practice.

Nouba

2021 – present

Creator of [Nouba](#), a mobile app developed with Dart, Flutter, Typescript and Firebase, which facilitates the organization of events with friends or family.

Akeneo

2014 – 2020

Contributor to the opensource PXM solution [Akeneo](#), written in PHP and Symfony.

Sylius

2013 – 2014

Contributor to the opensource ecommerce platform [Sylius](#), written in PHP and Symfony.

Education

Institut d'Administration des Entreprises, Tours, France

2007 – 2008

- Master 2 Administration des Entreprises

École Polytechnique de l'Université, Tours, France

2004 – 2007

- Diplôme d'Ingénieur en Informatique

Skills

- Languages/frameworks: PHP/Symfony, Go, Dart/Flutter, Typescript
- Databases: SQL, MySQL, Firebase, MongoDB, Elasticsearch
- Methodologies: TDD, XP, DDD, BDD, agile, devops
- Devops: docker, Circle CI, Github Actions, Datadog