

# Julien JANVIER

[j.janvier@gmail.com](mailto:j.janvier@gmail.com) • [Linkedin](#) • [Github](#) • Nantes, France • Looking for a remote position

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

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### Senior Software Engineer, Freelance – Skaleet

Sept 2022 – Present

- Building a credit offer for the core banking Skaleet: scoring system, offer management, disbursement
- Stack: PHP, MySQL, XP, TDD, Gitlab CI, Typescript, React

### Senior Software Engineer, Freelance – Edflex

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, Docker

### Senior Software Engineer, Freelance – Convelio

Jan 2021 – Sep 2021

- Refactored some legacy parts of the art logistics SaaS platform Convelio. Developed new features. Migrated the email system to Mailjet.
- Stack: PHP, Laminas, MySQL, Datadog, XP, TDD

### Akeneo Integrator, Freelance – Smallable

Aug 2020 – Dec 2020

- Integrated the PIM platform Akeneo into Smallable information system.
- Stack: PHP, Symfony, MySQL, Elasticsearch, XP, TDD

### Chapter/Staff Engineer – Akeneo

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

### Lead Developer – Akeneo

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

### Software Engineer – Akeneo

May 2014 – 2015

- Developed many features on Akeneo PIM
- Stack: PHP, Symfony, MySQL, MongoDB, XP, TDD, BDD

### Software Engineer – Royal Canin

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

### Software Engineer – Wordline

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

### Software Engineer – Atos

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

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### TDD.sh

2021 – present

Creator of [TDD.sh](https://github.com/leodotsh/tdd.sh), a simple opensource CLI tool written in Go to enforce the TDD practice.

### Nouba

2021 – present

Creator of [Nouba](https://nouba.app), 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 PIM solution [Akeneo](https://akeneo.com), written in PHP and Symfony.

### Sylius

2013 – 2014

Contributor to the opensource ecommerce platform [Sylius](https://sylius.com), written in PHP and Symfony.

## Education

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### 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

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### Languages & frameworks:

PHP & Symfony, Go, Dart & Flutter, Typescript & React

### Databases

SQL, MySQL, Firebase, MongoDB, Elasticsearch

### Methodologies

TDD, XP, DDD, BDD, Agile, Devops

### Ops

Docker, Circle CI, Github Actions, Gitlab CI, Datadog