

Gaël Demette

Lead developer & mentoring

From PHP to Rust by way of Node and Vue/Nuxt: hands-on throughout. Trainer of engineers at BSc and MSc level.

Last update, Sep 2026

Essonne, France

website.may2025@aka.pand.app

gael-demette.fr

linkedin.com/in/gaeldemette

PROFESSIONAL EXPERIENCE — 7

Mar 2025

→

today

President

adnap

Mission-driven company in the social and solidarity economy. Technical leadership of the company. Support for digital sovereignty

Infrastructure and cost optimisation — Aroma Zone

Six months on transverse concerns: monitoring, infrastructure cost reduction, GCP and Azure.

Safeguarding reports platform — French social affairs ministries

Support for regional health agencies tracking reports concerning vulnerable adults.

Rust · Nix · Kubernetes · Gitlab · Open Source · Management · Budget management · Vendor management · Project management · Pulumi · Deno · VueJS/Nuxt · PostgreSQL · Redis · TypeScript · Linux

Jan 2025

→

today

CTO

Cashway

Part-time

- Rewrote a production system from Python to Rust, with the scope revised following an audit.
- Took over a product with none of its original team available: audit, reverse engineering and written documentation.
- Built the non-regression metrics that framed the rewrite.

Pulumi · Vendor management · Rust · Python · Linux · Observability

Feb 2018

→

Mar 2025

President

Qonfucius

Up to 14 employees and ~€1M revenue. Technical leadership of the company.

- Founded to build a team from zero: 14 employees at its peak, low turnover, fully remote from day one, and revenue peaking at around €1M in 2022.
- Transitional technical leadership
- Worked on the Foncia group's ERP: raising code quality, and taking part in the team's technical debates and trade-offs.
- Audits & consulting

e-Chauffeur — French Ministry of Armed Forces

Real-time tracking of Armed Forces drivers through cellular data tracing, on the model of an Uber without the payment layer.

NodeJS · VueJS/Nuxt · MongoDB

Transverse DevOps infrastructure — French Ministry of Armed Forces LEAD DEVOPS

Deployed the incubator's software onto in-house infrastructure hosted at Scaleway, and supported the development teams.

carrefour.fr rebuild — Carrefour

A roughly six-month engagement rebuilding the site.

Incubateur des Territoires — ANCT LEAD TECH

Deployed the incubator's software onto infrastructure hosted at Scaleway, and supported the project teams.

Offline cloud — French Ministry of Armed Forces

Evaluation, benchmark and proof of concept for a cloud offering that runs disconnected from the internet.

Stargate — French Ministry of Armed Forces

Access management for defence bases. A CI pipeline producing a self-contained archive, for deployment with no internet connection.

NodeJS · ReactJS · MongoDB

E-commerce platform — InVivo

A roughly six-month e-commerce engagement.

Vendor management · Project management · Kubernetes · Terraform/OpenTofu · Gitlab · Github · Support · Budget management · Management · Training · Remote work · Open Source · VueJS/Nuxt · PostgreSQL · Redis · ArangoDB · Directus · TypeScript · Linux · Observability · Agile · Microservices · TDD

Apr 2016

→

Jan 2018

CTO

HungryUp

- Very high availability of the application, with zero downtime.
- Led a technical team of fewer than five people.
- System and application architecture, APIs and the critical features, up to a substantial scaling capability.
- Provisioning benches for Android tablets and devices via GenyDeploy; AWS Elastic Beanstalk infrastructure.

NodeJS · Gitlab · EmberJS · Management · Budget management · Recruitment · Project management · MongoDB · Training · Linux

Sep 2015

→

Jan 2016

Lead Developer

Adrenaline Hunter

- Built a new product with Symfony.
- Technical coordination with the product and marketing teams.

PHP · Github

Jan 2014

→

Dec 2018

Self-employed and freelancer

- Training for engineers BAC +3 to BAC +5 (Java EE and Web)

Training · MySQL · NodeJS · PHP · PrestaShop · Github · Remote work

Sep 2013

→

Sep 2014

Web Developer

Webtales

Rubedo

Open-source CMS built on Zend Framework 2, MongoDB and Elasticsearch, with a Big Data slant. An early adopter of MongoDB and of industrialised site delivery, when both were rare.

Zend Framework · MongoDB · Elasticsearch · PHP

MongoDB · PHP · Zend Framework · Github · Open Source · Elasticsearch

VOLUNTEERING & COMMITMENTS – 4

Jan 2026

→

today

Homework support

Supporting young people with their homework, from primary school to the final year of secondary.

Sep 2021

→

Jan 2025

Member

Mouvement Impact France

Member of the social and solidarity economy interest group.

May 2021

→

Jan 2025

Volunteer Member

Réseau Entreprendre 91

Startup mentoring

- Mentored two startups, a construction-industry ERP and a passwordless authentication product, as a sparring partner to surface their blind spots.

Coaching · Mentoring

Sep 2010

→

Sep 2012

Volunteer Trainer

association "Le lien : l'informatique & nous"

- Training people affected by digital illiteracy.

French, native language English, technical

MY SKILLS – 40

DEVELOPMENT

Rust

Deno

TypeScript

VueJS/Nuxt

MongoDB

PostgreSQL

Redis

ArangoDB

Elasticsearch

MySQL

NodeJS

ReactJS

EmberJS

PHP

PrestaShop

Python

Zend Framework

SYSTEM ADMINISTRATION

Linux

Nix

Pulumi

Kubernetes

Terraform/OpenTofu

PROJECT MANAGEMENT TOOLS

Gitlab

Directus

Github

SOFT SKILLS

Agile

Budget management

Coaching

Management

Mentoring

Microservices

Observability

Open Source

Project management

Recruitment

Remote work

Support

TDD

Training

Vendor management

EDUCATION — 4

Sep 2014 → Sep 2016

Master of Science

Supinfo — Paris, Tour Montparnasse

Advanced programming (Java, C#), project management, cloud computing, network architecture, cybersecurity.

Sep 2013 → Sep 2014

Bachelor of Science

Supinfo — Paris, Tour Montparnasse

Web development (PHP, JavaScript), databases, virtualisation, Linux administration.

Sep 2011 → Sep 2013

BTS Information Technology Services for Organizations (S.I.O.) Option Software Solutions and Business Applications

IRIS — Paris XVII

Software development, systems maintenance, database management, networks and telecommunications.

Sep 2008 → Sep 2011

Professional Baccalaureate in Electronic and Digital Systems (S.E.N.) Option Telecommunications and Networks at IRIS

IRIS — Paris XVII

Digital electronics, telecom networks, network infrastructure, systems maintenance.

LANGUAGES — 2

French, native language English, technical