

# Curriculum Vitae

## Jorijn Schrijvershof, DevOps Engineer & Developer

### Professional Summary

DevOps Engineer and Software Developer with 10+ years of experience specializing in Kubernetes orchestration and modern application development. Renowned for designing and implementing scalable, resilient Kubernetes-based systems for major clients like the **Dutch National Police, Schiphol**, and **MijnOverheid**. My expertise extends to automating deployment pipelines and optimizing containerized environments, ensuring efficiency and reliability. Combining technical proficiency with strong problem-solving and communication skills, I translate complex requirements into practical, sustainable solutions.

### Profile

I am committed to crafting **high-quality, efficient, secure** software solutions. My decade-long journey in tech has been fueled by a passion for solving complex challenges, particularly in optimizing and managing Kubernetes environments. I value **pragmatic approaches** and strive for perfection in every project, balancing technical excellence with commercial viability. My drive extends beyond meeting project goals; I am keen to contribute innovative ideas and lead with insight. I am collaborative and adaptable in teamwork, ready to assume leadership when necessary. My dedication is evident in my professional pursuits and active engagement with the open-source community, where I explore new technologies and give back through my projects.

### Life Outside Work

I cherish moments with my family in my downtime, finding a balance in my technical career. I am fascinated with technology and gadgets, often tinkering with (home) automation for fun and functionality. Running is my go-to for staying active, offering a refreshing break and a clear mind. Additionally, practicing Krav Maga keeps me fit and sharpens my mental and physical resilience.

### Personal

#### Gender

Male

#### Born

February, 1990

#### Location

Oosterhout, Noord-Brabant, The Netherlands (NL)

#### Contact Details

+31 (0)6 16 66 64 81

[jorijn@jorijn.com](mailto:jorijn@jorijn.com)

#### Nationality

Dutch

#### Languages

Natively Dutch &  
Fluently English

#### Website / Blog

<https://jorijn.com>

#### GitHub

<https://github.com/jorijn>

## Skill Matrix

### Cloud Platforms

Microsoft Azure	(Advanced)
Amazon Web Services – AWS	(Advanced)
Google Cloud Platform – GCP	(Advanced)
DigitalOcean	(Expert)
On-Premises/Private Cloud	(Expert)
Hetzner Cloud	(Expert)

### Containers & Orchestration

Kubernetes	(Expert)
Docker	(Expert)
OpenShift	(Intermediate)
Helm & Kustomize	(Expert)
Talos Linux – Kubernetes OS	(Expert)

### Infrastructure as Code (IaC)

Terraform	(Expert)
Ansible	(Advanced)

### CI/CD & Automation

Argo CD	(Expert)
Flux CD	(Expert)
Gitlab CI	(Expert)
GitOps workflows	(Advanced)
GitHub Actions	(Advanced)

### Monitoring & Observability

Prometheus, VictoriaMetrics	(Advanced)
Grafana	(Advanced)
Alertmanager	(Advanced)
Loki, VictoriaLogs	(Advanced)

### Programming & Scripting

PHP	(Expert)
JavaScript	(Advanced)
Node.js	(Advanced)
Bash/Shell	(Advanced)

Python	(Intermediate)
Go	(Intermediate)

### Web Frameworks & Dev Tools

Symfony	(Expert)
Laravel	(Expert)
WordPress	(Expert)
Zend Framework	(Advanced)

### Version Control

Git	(Expert)
Subversion – SVN	(Advanced)

### Databases & Storage

MySQL	(Expert)
PostgreSQL	(Advanced)
Microsoft SQL Server	(Intermediate)
Memcached	(Advanced)
Apache Solr	(Intermediate)
ElasticSearch	(Intermediate)

### Other Tools & Technologies

Linux	(Expert)
Windows	(Advanced)
MacOS	(Advanced)
Keycloak, DEX	(Intermediate)
Test Automation	(Intermediate)
API Integration (REST & SOAP)	(Advanced)

### Proficiency Scale

**Expert** – Extensive, hands-on experience; used in production; able to lead, teach, and design solutions.

**Advanced** – Strong working knowledge; used in multiple real-world projects; can work independently.

**Intermediate** – Practical familiarity; used in past roles or personal projects; can ramp up quickly.

## Recent Projects

### Decentralized Social Media

<https://toot.community> is my personal research and development platform for DevOps technologies. It's a global Mastodon instance that provides a digital space for over 35.000 users. I have written about my experiences on my blog [here](#) and [here](#).

Since its launch in 2022, I have created a public **Argo CD** [repository](#) containing the entire configuration for its Kubernetes cluster. It's hosted on Hetzner, with all infrastructure configured using **Terraform**. For the architecture, I chose a hybrid approach. The **Kubernetes** cluster's control plane runs on virtual machines, while the worker nodes run bare metal. The OS is **Talos Linux**, a secure, immutable, and minimal Kubernetes OS.

All deployments are monitored through VictoriaMetrics, compatible with the **Prometheus Operator**, **Alertmanager**, and **Grafana**.

### Dutch National Police (2025)

Since March 2023, I have worked as a DevOps & Platform Engineer, overseeing existing infrastructure and playing a key role in designing and building a greenfield VMware-based private cloud platform. My responsibilities include developing **Kubernetes** clusters from scratch and configuring development tools such as **GitLab**. Everything is managed via **GitOps** with Argo CD.

**Observability** is implemented using tools such as Grafana, Prometheus, VictoriaMetrics, Loki, and Alertmanager. Some clusters support **multi-tenant** solutions, making tenant isolation and security essential.

### Royal Schiphol Group (2023)

As a DevOps Engineer at Schiphol from June 2021 to November 2022, I oversaw and enhanced the existing Azure-based infrastructure, provided infrastructure guidance to development teams, and created technical designs. Notable accomplishments include implementing **Infrastructure-as-Code** with **Terraform**, optimizing Kubernetes clusters for fluctuating traffic, and introducing a more efficient microservice for app notifications. Additionally, I designed the infrastructure for the Self Service Unit SaaS product and developed a migration plan to transition from existing Kubernetes clusters to **OpenShift**, streamlining operations across departments.

### MijnOverheid (Logius) (2021)

From October 2017 to June 2021, I worked as a Lead Developer at Logius in The Hague, a government IT agency responsible for public-sector IT matters. Within a team, we contributed to MijnOverheid, a platform built on Symfony that enables citizens to access government-related information and official documents. My role involved establishing a robust CI environment for automated quality control, including Unit Testing of PHP components and JavaScript code. Additionally, I developed a Behat (Gherkin) scripting suite for automated integration tests of non-UI-accessible components. I supported the creation of Technical Designs and served as a liaison between the business and the development team, contributing to new features and managing User Stories.

## Past Work Experience

**At Medimo B.V. (2015-2017)**, I revamped their EVS (Electronisch Voorschrift Systeem), focusing on system performance and modernization. Significant accomplishments include upgrading to Laravel 5 and PHP 7 and implementing a secure login system using JWTs.

**At UWV Werkbedrijf (2014-2015)**, I streamlined server maintenance using my Linux expertise and simplified project deployment through CI procedures. I introduced Git-flow to reduce development errors and created a new platform using Silex & Twig for code sharing across teams.

**At SBS Broadcasting (2013-2014)**, I worked on their channel sites, the KIJK platform, and NLziet, focusing on video and API-centric features.

**At Nike (2013)**, I developed a WordPress multi-site application to deploy websites with a uniform design rapidly. The application was optimized for thousands of employees across Europe, enabling backend customization to align with each website's branding. Key features included extensive social media integration through APIs.

**At Kieskeurig.nl (2013)**, I led the front-end development for their new website, targeting international expansion. The project featured a mobile-first, responsive design using technologies such as Foundation 4, Compass, SASS, CoffeeScript, jQuery, and Modernizr.

**At Sanoma Media (2013)**, I developed a Selenium Testing Grid for automated testing of websites and applications. I created a responsive cookie consent bar for their

websites, compatible with over 216 sites and various devices.

**At Terberg Leasing (2012-2013)**. For Private Lease (leasen.nl), I created custom WordPress plugins for a comprehensive car ordering system with inventory management and API integration. In the Zakelijk Lease project (justlease.nl), I developed WordPress plugins and an API, using WordPress for the backend (PHP) and JavaScript for the front end.

**At Betaalvereniging Nederland (2012)**, I developed a custom application for Dutch banks, successfully passing specialized security and code reviews. This project included creating a custom ORM for WordPress's database and implementing extensive security hardening measures.

**At Webbureau Safira (2011-2012)**, I focused on backend API integrations, developing the in-house CMS, and front-end tasks using jQuery, HTML5, and CSS3.

**At Rhinofly (2010-2011)**, I developed an IT infrastructure management system and a tool to monitor backup status. I also set up a high-availability web infrastructure optimized for performance and managed servers for a high-traffic Facebook game.

**At Dutch Pancakes (2007-2010)**, I created a foundational content management system and a custom PHP framework. Notable projects included a SOAP gateway for the Fletcher Hotel Group, a hotel booking system with integrated payment solutions.

## Certifications & Courses

- Certified Kubernetes Administrator (CKA) (studying)
- Certified Kubernetes Security Specialist (CKS) (studying)
- Certified Kubernetes Application Developer (2020, completed)
- Professional Scrum Master I (2018, completed)

## Final Words

I rewrote this entire CV in 2024. It needed to be updated, and frankly, with over 17 years of working experience, it was a tough pill to swallow for its readers. Condensing this massive amount of time and work into just a couple of pages is challenging and will leave out some crucial details. I hope you gathered the correct information to make an informed choice. I'd be happy to provide whatever further information you need in a face-to-face conversation.

Thank you for reading, and hopefully, we'll meet soon.

- Jorijn