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 on contributing innovative ideas and leading 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 (NL)

Contact Details
+31 (0)6 16 66 64 81
jorijn@jorijn.com

Nationality
Dutch

Languages
Dutch, English

Website / Blog
https://jorijn.com

GitHub
https://github.com/jorijn

Recent Projects

Decentralized Social Media

https://toot.community is my personal research and development platform for DevOps technologies. It's a global Mastodon instance, providing a digital place for over 30.000 users. I have written about my experiences on my blog here and here.

Upon its start in 2022, I created a public **ArgoCD** repository holding the entire configuration of its Kubernetes cluster. It was hosted on DigitalOcean, where all infrastructure is set up using **Terraform** (here). At the end of 2023, the costs of the public cloud forced me to set up a new, private, **bare-metal** cluster on Hetzner. This gave me the opportunity to learn about **Talos Linux**, a secure, immutable, and minimal Kubernetes OS.

The new cluster is set up using **FluxCD**. It deploys all applications using a combination of several Kubernetes operators, **Helm releases**, and **Kustomizations**. All deployments are monitored through the **Prometheus Operator**, **Alertmanager**, and **Grafana**. DEX IDP and Keycloak handle authentication to the Kubernetes API and other tools.

Dutch National Police (2024)

From March 2023, I work as a DevOps Engineer. With my team, we managed development tools for DevOps teams operating on a **private cloud** platform. Technologies include **on-premise** Kubernetes clusters, **CI pipelines**, and **IDP providers**. Notable accomplishments include migrating to a fully automated **GitOps**-managed cluster and setting up a **multi-tenant** Obversability platform for teams using a tool for **long-term metric**

storage, handling alerts, and viewing dashboards.

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** using **Terraform**, optimizing Kubernetes clusters for fluctuating visitor numbers, 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 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 acted as a bridge between the business and the development team, contributing to new features and handling User Stories.

Past Work Experience

At Medimo B.V. (2015-2017), I revamped their EVS (Electronisch Voorschrijf 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 rapidly deploy websites with uniform design. The application was optimized for thousands of employees across Europe, allowing backend customization to align with individual website 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 with technologies like Foundation 4, Compass, SASS, CoffeeScript, jQuery, and Modernizr.

At Sanoma Media (2013), I developed a Selenium Testing Grid for automated website and application testing. 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 backup status monitoring tool. 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 for its reader. Condensing this massive amount of time and work into just three pages is challenging and will leave out some crucial details. I hope you gathered the correct information to make an informed choice. I'd happily provide you with whatever further information you need in a face-to-face conversation.

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

- Jorijn