

Curriculum Vitae — Cathelijne Hornstra



Driven, enthusiastic and solution-seeking: I am a linux and Open Source professional with both legs firmly planted in technology. Though well-acquainted with best practices, I am not afraid to find solutions off the beaten track when it's needed.

I have strong problem-solving skills. I like to streamline the workflow without creating an endless bureaucratic process, to minimize the chores and to maximize the fun. If you have to do something more than two times, it's probably best to automate it. I'm at my best in roles where I can sink my teeth into something and get it working. As a team lead, I like to get the best out of everyone, finding people's strengths and help them to overcome their weaknesses, with a stronger team as a result.

My motto: IT is here to make our lives easier, not more complicated.

Professional Experience

Senior Consultant, Global Managed Services [DevOps]

Appnovation Mar 2018 - Jul 2022

Responsible for day-to-day operations of client infrastructure and CI/CD. Sometimes on actual machines and VM's but mostly Kubernetes clusters on Google Cloud, AWS, Azure or on-premise. Because we manage client systems, we run into all kinds of products and solutions, and it's vital that everyone on the team is able to quickly learn and adapt to products we've never worked with before. Most projects are client-facing. The team is global, we offer services around the clock. This requires good communication, handovers and documentation.

Our preferred tech stack is currently: GCP, Kubernetes, Terraform, Ansible, Gitlab, Jenkins, Stackdriver, docker, Redis, PHP, but we also work with and manage AWS, Azure, Acquia, Netlify (and deployments), Github (and actions), ELK, Varnish, Zabbix, among others.

Most Managed services work is related to hosting websites, usually Drupal. In the past year, I've also worked on projects where the CMS is headless and the site is built with Gatsby.

- Tech lead for the kubernetes cluster of a large Flemish government cultural division, bringing it from PoC to full production (around 300 websites). GCP, terraform, Drupal with external API-feeds.
- Tech lead for the on-premise Kubernetes solution for a Flemish government department. Mostly internal applications. Suse, Gitlab, Drupal, Jenkins.
- Kubernetes backup for an American State Government-funded tourist organisation. GCP, terraform, Drupal, Gatsby, API-links to Salesforce and Dell Boomi, several in-house Python microservices we inherited, Google Cloud Source/Cloud Build.
- Tech lead for the kubernetes cluster for the largest electric utility in the US. Over 600 Drupal websites. GCP, terraform, Gitlab, Jenkins, Redis, CloudSQL, FileStore. Achieved stability and scalability, making use of the latest Kubernetes features (1.21).

Senior DevOps Engineer

NEP Jan 2017 - Jan 2018

Installing and maintaing Kubernetes Clusters, both on Google Cloud and on- premise for the backbone of NPO Start, in close collaboration with the developers, and occasionally writing a microservice. Changed deployment from Deis Workfow to Spinnaker.

Team Lead Site Operations Marktplaats

eBay Apr 2013 - Sep 2016

Head of two highly skilled Site Operations teams for Marktplaats, in close collaboration with development. One team was responsible for 'daily management': multiple releases daily and troubleshooting. Mostly - if not all - driven by the development teams who owned our Kanban board. The other team worked on long- term projects and maintenance and rolled new functionality, i.e. database upgrades, OS upgrades, installing new technologies (like Cassandra or docker) as a mix of dev requests and our own needs.

Global Linux Engineer

Rabobank International Apr 2012 - Apr 2013

Red Hat Satellite administration, Centrifly administration, creating and testing new builds of Red Hat Enterprise Linux (up until 6). Preparing changes.

Project Coordinator ICT/E-Media

Free Press Unlimited Jul 2011 - Jan 2012

Office automation and ICT for international projects, always considering the difficult and sometimes even dangerous conditions FPU personnel works in.

Team Lead Operations

Widex Jan 2009 - Jul 2009

Head of a team of linux- and windows admins in a large hosting environment. Resource planning, handling of outages (and designing ways to minimize these), technical adaptations and modifications of customers' websites.

Unix Team Lead

Binck Bank Sep 2007 - Sep 2008

Responsible for the daily management of a team of unix-, linux-, and application admins. Ensuring availability of the back-end trading systems and website of BinckBank, planning and implementing the change cycle, initiating several improvements (i.e. job management, workflow, OS version management). Member of the Change Advisory Board.

Unix Consultant and Project Manager

ONVZ (via Ormer Solutions) Jan 2007 - Sep 2007

Researching the use of SNMP for system monitoring (Nagios, Zabbix). Project Manager for mijnONVZ. Member of the unix admin team.

Tech Manager Interactive

Sky Radio Group Dec 2005 - Dec 2006

Following the bankruptcy of Capcave, Sky Radio hired me to design, plan and execute the migration from their windows based web platform to LAMP. I combined this with the daily administration of the Sky Radio Group websites.

Senior Unix Administrator

Capcave May 2005 - Nov 2005

Installation, administration and monitoring of > 100 systems in a complex hosting environment. Assisting customers with website issues. To a lesser extent the administration of the layer-3 network. Consolidation of about 20(!) linux flavors and versions to CentOS 4.

Datacom Specialist

SNV Netherlands Development Organisation Jul 2001 - Jul 2004

Design and implementation of an Open Source VPN and mail network over existing lines/Internet connections in developing countries (mainly Africa). Mapping out the requirements and wishes of the local SNV offices, implementing a Postfix/LDAP/Webmail environment with userdata from the SAP Human Resources database. Maintaining contact with local ISP's. I have traveled a lot in this position, to African countries and Bhutan.

Consultant, Trainer

Fourpoints/Fourpoints Suriname N.V. Jan 1998 - Sep 1999

For Fourpoints, I did some consulting in The Netherlands, but the bulk of my time with them was spent working for their Paramaribo office. I designed and carried out courses for Windows NT 4 and Linux, but we also set up the office from scratch: installing UTP, designing the office IT setup, connecting to the internet (at that time still with an X.25 modem) and everything else that needed to be done.

Network Administrator

Bausch&Lomb Jun 1996 - Dec 1997

The summer job that started it all. Hired as assistant to the existing Network Administrator who was involved in a large project off-site, I seemd to have a knack for Novell Netware and Windows for Workgroups. They asked me to stay, and I was happy to do so.

Education, training and certificates

[Google Cloud Professional Cloud Architect](#) 2022

eBay Internal: Management Essentials 2013

ITIL Foundation 2008

Prince2 Foundation 2008

RedHat Certified Engineer (RHCE) 2003

University of Amsterdam (UvA): Human Geography 1993 - 1996

VWO 1990

Volunteering

Technical project lead for www.kampeerclub.nl

[NTKC](#) 2014 - 2022

NTKC needed to upgrade its website. Working with a mixed team of volunteers and hired web developers, we realised a new website that was ready for the future. Currently I'm moving the site from traditional LAMP hosting to a docker-based solution.

Site Admin

Arabische Volbloeden 2011 - 2015

Technical admin of a large forum, dedicated to Arabian horses. I wrote phpBB2 templates from scratch and several site-specific plugins.

...and

Languages

My mother tongue is Dutch. English is near-fluent. I read and speak French, Italian and German at a basic level. Willing to learn more if needed.

Hobbies and interests

I like to cook, read, visit museums, to travel and live music.

I build websites for fun, lately I have preferred Hugo for that.

To stay fit, I like to walk a lot, and I don't complain when friends drag me to a yoga class. I also like anything in warm water: sailing, rafting, scuba diving...

I'm a hobby photographer, mostly street photography, but now practicing portraits and studio lighting.

How to get in touch

Send me a mail: websitemessage@hornstra.com