Reinier Haasjes

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Summary

I'm an experienced DevOps and Infrastructure engineer with a strong background in Linux and open-source technologies. My passion lies in ensuring high availability, automation, clusters, virtualization, storage, and networking.

With extensive expertise in PostgreSQL, including large clusters and substantial tables, my primary focus is on enabling scalability and automation in infrastructure. Responsibilities include designing and building load balancers, clusters, and application servers, alongside maintaining databases and central configuration management systems. Proficiency in various system monitoring tools, kernel tuning, and low-level OS optimizations, coupled with programming skills to navigate source code and make minor adjustments, adds to my capabilities.

Beyond my role as a Linux Engineer, I've served as a Team Leader for several years, equipping me with skills in organizational planning, project management, and translating complex business challenges into technical solutions. My ability to communicate these solutions to management and fellow engineers is a key asset.

Qualifications:
- Over two decades of hands-on years of Linux experience
- Bachelor's degree in Information and Communication Technology
- Certifications in LPIC-1, LPIC-2, LPIC-3, RHCSA, RHCE, and CCNA

Specialties:
- Proficiency in diverse Linux distributions (Debian, CentOS, Red Hat, Ubuntu) and Linux KVM for virtualization.
- Skilled in programming languages: SQL, Perl, PHP, Python, Bash, facilitating efficient script development.
- Extensive database management knowledge with a focus on PostgreSQL, MySQL, and SQLite.
- Expertise in DNS servers (Bind, PowerDNS), LDAP (OpenLDAP) and mail servers (Exim).
- Mastery of configuration management tools like Puppet, Ansible and Rundeck for streamlined deployment.
- Competency in web server administration, including Apache and Nginx.
- Profound understanding of GitLab for efficient collaboration and CI/CD.
- Skilled in deploying and managing Java applications (Tomcat).
- Proficiency in monitoring tools: Zabbix, Prometheus, and collectd for system health and performance.
- ELK stack (Elasticsearch, Filebeat, Logstash, Kibana) and Grafana expertise for log and data visualization.
- Familiarity with distributed key-value store systems like etcd and identity and access management via Keycloak.

This diverse skill set underscores my comprehensive expertise in Linux systems, scripting, database management, configuration, web services, monitoring, and more. I'm excited to contribute to impactful projects with this knowledge.

Experience

✕ DevOps & Infrastructure engineer | Scalability & Automation
Xiqi IT

Aug 2022 - Present (1 year 2 months)
Xiqi IT assists you with all your Linux related IT challenges. Specialized in scaling & automating your business processes.

Lead Infrastructure Engineer
Husky Intelligent Fridges
Nov 2020 - Present (2 years 11 months)
Projects:
* Created containerized deployments for the entire software stack.
* Modernized the live platform to a self-hosted architecture with built-in redundancy with automatic failover mechanisms.
* Designed and implemented the complete networking, infrastructure and server-room for a newly constructed building.
* Relocate the live platform's physical servers while ensuring minimal operational disruption.
* Redesign the ELK-stack with focus on redundancy, introducing data streams, Elastic data stream naming, and lifecycle policies.
* Revise and enhance Ansible playbooks to improve the robustness.

Skills: GitLab CI/CD, Etcd, Nginx, MQTT, PostgreSQL, PowerDNS, Redis, Influx, Rundeck, ELK-Stack, Zabbix, FreeIPA, Netbox, Keycloak

Developer & Infrastructure engineer | Co-Founder
easyPGB
Oct 2020 - Present (3 years)
easyPGB is een platform dat indicatiestellers en budgethouders in de zorg met elkaar verbindt. Het vereenvoudigt het proces van het vinden van de juiste zorgmatch door deze twee partijen samen te brengen.

Skills: Javascript, Node.js, React, Next.js, NextAuth, Chakra UI, PostgreSQL, Nginx, GitLab CI/CD, Ansible, Docker, Docker-compose

Lead Infrastructure Engineer
UNETI Labs
Oct 2020 - Sep 2022 (2 years)
During this period, I collaborated with Husky Intelligent Fridges as a contracted professional.

Infrastructure Engineer
DroidRobin
Nov 2020 - Nov 2021 (1 year 1 month)
Building an intelligent ventilation system that adapts to it's environment and keeps CO2-levels low

Linux & PostgreSQL engineer
Adyen
Sep 2013 - Sep 2020 (7 years 1 month)

Maintaining, optimizing and expanding the payment platform which processes tens of payments per seconds and located in multiple geographic locations.
Beside the global Linux infrastructure role I specialized myself in the PostgreSQL DBA role.

* Build, coach and lead the PostgreSQL DBA team
* (re)building, optimizing & troubleshooting PostgreSQL database clusters
* Standardize & automate Adyen software release cycle
* Assist in most (major) incidents
* Part of the team that designed and build the monitoring framework (ELK + Grafana)
* Migrate multiple database cluster to shared flash storage (with fiber switches)
* Design, build & deploy multi-location puppet environment
* Build PostgreSQL database clusters dashboard
* Flash storage PoC
* Process standardization & automation
* Educating & coaching other Linux engineers
* Capacity planning in an exponential growing environment
* Knowledge sharing sessions with Linux engineers and Developers
* 24/7 operational duty responsibilities
* Develop standardized communication channels

Skills: PostgreSQL, Slony, Puppet, Ansible, Jenkins, Apache, Elasticsearch, Logstash, Kibana, Grafana, Bash, Python, PHP, Subversion, GIT, Nagios/Thruk, Prometheus, collectd, Linux KVM

HPC R&D Engineer
Shell
May 2012 - Aug 2013 (1 year 4 months)
• Various R&D Projects: (PCIe) SSD, MIC, GPGPU, etc.
• Advice & support customers with optimizing their HPC work(flow)
• Build HPC cluster from various test hardware with different specifications
• Build various report with Analytics/Tableau for capacity management

Skills: Linux, IBM Platform LSF, SSD, GPGPU, MIC, OpenMPI, IntelMPI

System Engineer
Competa IT
Mar 2012 - Aug 2013 (1 year 6 months)
Linux system engineer contracted to companies in need of expertise in these areas.

Package Maintainer
Debian
Dec 2009 - Nov 2012 (3 years)
Debian Package Maintainer of AICCU.

AICCU (Automatic IPv6 Connectivity Client Utility) makes it easy for users to get IPv6 connectivity.

Responsible for maintaining the debian package. This includes, but not limited to, handeling bug reports.

Skills: debian packages (deb), dpkg, debconf, debhelper, pbuilder, piuparts, patch, quilt, make, git

Senior Linux Engineer
XS News
Dec 2011 - Feb 2012 (3 months)
Rebuilding, maintaining and optimizing the Usenet environment

Skills: Debian, Diablo, Usenet/NNTP, Linux-HA/Heartbeat, VLAN, Link aggregation,
10GE network (optical fiber & copper), Nagios.

Senior Linux / Network Engineer and Technical Team leader
News-Service.com
Feb 2010 - Dec 2011 (1 year 11 months)
Final responsibility for the technical team. Maintaining, optimizing and expanding the Usenet
environment consisting of multiple petabytes of storage, 10GE network and multiple 10GE internet
connections (both exchanges and transits).
Secondary tasks are project manager, hardware purchase, capacity planning, performance and
evaluation interviews, developing and maintaining procedures, holiday and sickness absence handling

Since 2011 member of the management team (MT) and therefore responsible for the policies of News
Service.

Skills: Debian, Foundry/Brocade, BGP, OSPF, Diablo, Usenet/NNTP, Linux-HA/Heartbeat, VLAN, Link
aggregation, 10GE network (optical fiber & copper), Nagios.

News-Service had to cease its operations by external factors in termination of my employment as a
result.

System Engineer
JVC
Oct 2002 - Jan 2010 (7 years 4 months)
Linux system engineer, ERP-system engineer, network and system maintenance and troubleshooter.
Secondary tasks are developing, maintenance and problem solving of virtual infrastructure, backup
environment, system monitor environment, MacOSX user environment, PABX environment

Skills: Debian, Xen, OpenWRT, VLAN, Link aggregation, OpenVPN, IPSec, UNIMS, SQL, Bacula,
Nagios, MacOSX

Website Developer
Wheelchair Rugby Nederland
1990 - 2005 (15 years)
Responsible for the developing, maintenance and problem solving of the website www.quadrugby.nl /
www.wheelchairrugby.nl. Developed the website from scratch.

Skills: PHP, SQL, MySQL, Apache, procmail

USN **Software Developer (graduate)**

Unix Support Nederland B.V.

2002 - 2002 (less than a year)

Developing of workhours registration system accessible thru the internet. During this period I processed the phases: analyze, design, building and implementation.

Skills: PHP, SQL, MySQL, Apache

Education

De Haagse Hogeschool / The Hague University of Applied Sciences

Bachelor, Information and Communication Technology

1998 - 2002

analysis and advice; database design and development; software design and development; implementation, management and maintenance

Hogeschool Leiden

Propedeuse, Hogere laboratorium opleiding

1997 - 1998

Ashram College

HAVO, Dutch, English, Mathematics, Chemistry, Physics, Economics

1997 - 2002

Licenses & Certifications

LPIC-1 - Junior Level Linux Professional - Linux Professional Institute (LPI)

Issued Jan 2009 - Expires Apr 2017

LPIC-2 - Advanced Level Linux Professional - Linux Professional Institute (LPI)

Issued Mar 2009 - Expires Apr 2017

LPIC-3 - Senior Level Linux Certification - Linux Professional Institute (LPI)

Issued Apr 2012 - Expires Apr 2017

core

Red Hat Certified System Administrator - Red Hat

Issued Jun 2013 - Expires Jun 2016

Red Hat Certified Engineer - Red Hat

Issued Jun 2013 - Expires Jun 2016

N **Novell Certified Linux Administrator - 11** - Novell

Skills

Linux System Administration • DevOps • Infrastructure • Continuous Integration (CI) • Docker Products • Nginx • Zabbix • Configuration Management • Reliability Engineering • Soft Skills