

1 Resume Joost Soeterbroek

Extensive background in IT as a UNIX/Linux sysadmin, web application development and DevOps roles. Strong in configuration management automation & orchestration. Red Hat Enterprise Linux Certified Engineer.

1.1 Employment History

2018 - 2020 Hartekamp Groep

Caregiver for people with mental handicaps

Working in a care home for people with mental handicaps providing medical and non-medical home care service to elderly/disabled clients. Focused on personal care, companionship, homemaking, health and personal well-being of people with disabilities under our care.

2016 - 2018 Koninklijke Nederlandse Redding Maatschappij

Database-, Linux System- and Application Administrator

The KNRM is a search-and-rescue organization at sea. I was a part of the IT team that supported KNRM volunteers out at sea and office personnel. Within this team I was primarily responsible for multiple virtual hosts in Microsoft Azure Cloud; administration, configuration, monitoring and troubleshooting of CentOS Linux OS and LAMP applications.

2012 - 2016 Proxy BV, UNIX Consultancy

UNIX/Linux systems consultant

UNIX/Linux systems consultant for two of Proxy's clients; Rijkswaterstaat (Dutch governmental organization for road- and water infrastructure) and the Dutch Police:

- For Rijkswaterstaat I worked in a team responsible for measurements of (sea) water levels, with a strong focus on Nagios monitoring.
- For the Dutch Police I worked in a security-sensitive environment of >600 hosts, with a strong focus on system configuration management automation with Puppet.

2011 – 2012 ONVZ Health Care Insurance***Applications Administrator***

- Java Middleware Applications (Glassfish, Tomcat, ServiceMix, ActiveMQ, Liferay) Development and Production (OTAP) environment for SOA architecture
- Systems Configuration Management automation with Puppet
- Alfresco Document Management

2008 – 2011 ONVZ Health Care Insurance***Red Hat Linux Systems Administrator***

- Systems Configuration Management automation with CfEngine
- Systems Management and Provisioning with Red Hat Satellite Server
- System Monitoring and troubleshooting
- Hardware maintenance in-house data center
- Change management in close coordination with other departments

2007 – 2008 Schuberg Philis***Mission Critical Engineer***

Responsibilities and achievements include building and managing dedicated mission critical application infrastructures, including datacenter hardware for its customers.

2005 - 2007 Shell***Linux Project Engineer***

Linux Project Engineer at Shell Exploration & Production. Responsibilities and achievements:

- Linux custom engineering based on RHEL
- Writing installation and support manuals, processes and procedures
- Development of remote installation and management tools
- Implementation and configuration of servers and associated software
- Implementation of Red Hat Network Satellite Server
- Project technical co-ordination

2004 - 2005 Sun Microsystems***Desktop Solutions Architect (Central- and Northern Europe Region)***

Responsibilities and achievements:

- Mapping customer business requirements to technical desktop solutions and provide technical leadership to the implementation of these solutions in CNE region
- Responsible for the overall design and technical oversight of complex business initiatives in customer consulting engagements

2001-2004 Sun Microsystems***Technical Consultant Professional Services***

Sun Microsystems Professional Services helps customers with every phase of developing and deploying innovative services. Responsibilities and achievements:

- Primary focus on ‘Edge’ and Grid computing, UNIX systems management and provisioning
- Implementation services for Sun ONE products
- Server migration and consolidation
- Pre-sales activities
- Technical documentation
- Custom engineering, troubleshooting and disaster recovery for Cobalt server appliances

Note: Joost Soeterbroek joined Sun Microsystems with the acquisition of Cobalt Networks by Sun Microsystems.

2000-2001 Snow UNIX Consultancy***UNIX/Linux Consultant***

Responsibilities and achievements:

- Maintenance and building of internal CRM web application on LAMP (Linux, Apache, MySQL and PHP) platform

1998-2000 VNU Publishing Corp.***Webmaster***

VNU Publishing Corp. Internet department (VIPS) was responsible for the technical infrastructure of all of its publications on the Internet. Responsibilities and achievements:

1996-1998 Media@vantage***HTML programmer*****1995-1996 Planet Internet*****Help desk employee***

1.2 Technical Experience

Covid-19 notification app I have participated in the Dutch Governments' effort to create a Covid-19 notification app and website:

- Covid-19 notification iOS app
 - Configured CI/CD public build pipeline with Github Actions
 - Python script to allow for binary comparison between ipa files resulting from different build environments

See: github.com/minvws/nl-covid19-notification-app-ios/graphs/contributors

- Covid-19 notification app website
 - Language switch to allow for multiple languages
 - minor contributions

See: github.com/minvws/nl-covid19-notification-app-website/graphs/contributors

Open Source In my spare time I have participated in the Fedora Linux project as a package maintainer (Fedora Wikipage) for a number of RPM packages. Google search for: *'Joost Soeterbroek Fedora'*

See also my Github repository at github.com/jsoeterbroek for coding examples and project contributions.

DevOps Configuration Management & Orchestration Automation

Considerable amount of experience with configuration management automation tooling, workflows and orchestration in production environments with:

- Ansible
- Puppet
- CfEngine

CI/CD workflows: Experience with Continuous Integration workflows with Github, GitLab, Jenkins in a DevOps capacity.

Programming Languages Python: Python is my go-to language for scripting and programming in the fields of automation, web development and glueing of systems and services. I use Python Django for web development projects and dashboards.

Shell-scripting: Fair amount of experience writing scripts using Bash. Comfortable on UNIX/Linux command-line.

Web: Fair amount of PHP experience for web development. I use Python Django and Jekyll for web development projects.

Basic knowledge of general software and programming concepts and software development methodologies and tooling.

Sysadmin Red Hat: Extensive knowledge of Red Hat Enterprise Linux operating system and solutions. I am a Red Hat Certified Professional (RHCE) – Certificate number: **110-264-371**.

Verify: <https://www.redhat.com/rhtapps/certification/verify/?certId=110-264-371>

Monitoring: Extensive knowledge of systems monitoring with Nagios.

1.3 Non-technical Skills

- Human Languages:
 - Fluent in English and Dutch.
 - Fair knowledge of French, German and written Arabic.
 - Willing and able to learn new languages quickly.
- Personal and medical care for people with mental disabilities:
 - Medication prescription and handling
 - Diabetes Mellitus and Insulin care
 - Personal care and basic hygiene
 - Personal well-being and creative activities
 - Practical use of technology in personal care

1.4 Education

1991 - 1993 Middle Eastern Languages & Cultures; University of Groningen (RuG)

Attended University of Groningen (RuG) ‘Middle Eastern Languages & Cultures’ program with a strong emphasis on the Arabic language, culture, literature and history.

- Lived for 6 months in Cairo, Egypt as part of the university program.

1993 - 1994 Middle Eastern Languages & Cultures; University of Amsterdam (UvA)

Attended University of Amsterdam (UvA), ‘Middle Eastern Languages & Cultures’ program with a strong emphasis on the Arabic language, culture, literature and history.

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