

# Resume Joost Soeterbroek

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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.

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## Employment History

- 2018 - 2020 Hartekamp Groep  
*Caregiver for people with mental handicaps*
- 2016 - 2018 Koninklijke Nederlandse Redding Maatschappij  
*Database-, Linux System- and Application Administrator*
- 2014 - 2016 Proxy BV, UNIX Consultancy  
*UNIX/Linux systems consultant @ National Police*
- 2012 - 2014 Proxy BV, UNIX Consultancy  
*UNIX/Linux systems consultant @ Rijkswaterstaat*
- 2011 - 2012 ONVZ Health Care Insurance  
*Applications Administrator*
- 2008 - 2011 ONVZ Health Care Insurance  
*Red Hat Linux Systems Administrator*
- 2007 - 2008 Schuberg Philis  
*Mission Critical Engineer*
- 2005 - 2007 Shell  
*Linux Project Engineer*
- 2004 - 2005 Sun Microsystems  
*Desktop Solutions Architect (Central- and Northern Europe Region)*
- 2001-2004 Sun Microsystems  
*Technical Consultant Professional Services*
- 2000-2001 Snow UNIX Consultancy  
*UNIX/Linux Consultant*
- 1998-2000 VNU Publishing Corp.  
*Webmaster*
- 1996-1998 Media@vantage  
*HTML programmer*
- 1995-1996 Planet Internet  
*Help desk employee*

## 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](https://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](https://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](https://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.

## 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

## 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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